Datasheet DS/KM26S_Custom-EN_Rev. L

KM26S Custom Configuration Guide

Magnetic level gauge
K-TEK Level products

Measurement made easy

Features

- Highly visible level indication with no process fluid in contact with the glass
- All construction by code certified welders
- Float designed and weighted for maximum accuracy with 75 grams minimum upward buoyant force
- Transmitter and switch options which can be installed, adjusted and maintained with no process interruption
- Safe for corrosive, flammable, toxic, high-temperature and high-pressure applications
- Rugged design - low or no maintenance
- IP68 approved local indication

Available materials

- Stainless steel—304/304L, 316/316L, 317/317L, 321, 347, 904
- Alloy 20
- Hastelloy®—B, C-276
- Alloy 600, 625, 800, 825
- Titanium
- Teflon® (registered trademark of DuPont) coated stainless steel
- Fiberglass—epoxy or vinyl ester resin
- PVC, CPVC, KYNAR®
- Polypropylene
- Zirconium
- Monel
- For other materials consult factory

Process capabilities

- Full vacuum to 5000 PSIG / 345 BARG
- -320 to 1000 °F / -196 to 538 °C
- 0.25 specific gravity
- All liquid viscosities
- Interfaces as low as .03 ΔSG

Testing and documentation available upon request

- Radiographic examination
- Liquid dye penetrant examination
- Hydrostatic examination
- PMI (Positive Material Identification) material certification
- ASME “U,” “UM,” or “S” stamp
- Third party inspection
- Material Certificates
- ANSI/ASME B31.1, B31.3
- PED certification
- NACE MR0103, NACE MR0175
- Canadian registration number (CRN)
- Marine and industrial type approval for high-pressure boilers
- Mechanical Function Test
- Float Curves (Total Level only)
- ATEX certification
- EAC Ex certification

Power and productivity
for a better world™

KM26S Magnetic Level Gauge
Model Number Configuration

KM26S.a.b.c.d.e.f.g.h.i.j.k.l.m.n.o - *list required Additional Ordering Codes separated by periods*

a Chamber Material - Select from Table 1

b Connection Material - Select from Table 1

c Top Connection Code Option - Select from Table 2

d Side Connection 1 Code Option - Select from Table 2[1]

e Side Connection 2 Code Option - Select from Table 2[1]

f Side Connection 3 Code Option - Select from Table 2[1]

g Bottom Connection Code Option - Select from Table 2

h Top Connection Size and Rating - Select from Table 3[2,3,4]

i Side Connection 1 Size and Rating - Select from Table 3[1,2,4]

j Side Connection 2 Size and Rating - Select from Table 3[1,2,4]

k Side Connection 3 Size and Rating - Select from Table 3[1,2,4]

l Bottom Connection Size and Rating - Select from Table 3[2,3,4]

m Indicator Type[5,6,7]

S3P	High Visibility Shuttle with Permanently Sealed Lexan® Tube (250 ºF / 121 ºC max)
S3G	High Visibility Shuttle with Hermetically Sealed Glass Tube (1000 ºF / 538 ºC max)
M1P	Yellow/Black MBG with Permanently Sealed Lexan® Tube (250 ºF / 121 ºC max)
M2P	Red/White MBG with Permanently Sealed Lexan® Tube (250 ºF / 121 ºC max)
M3P	Red/Green MBG with Permanently Sealed Lexan® Tube (250 ºF / 121 ºC max)
M4P	Red/Black MBG with Permanently Sealed Lexan® Tube (250 ºF / 121 ºC max)
M1G	Yellow/Black MBG with Hermetically Sealed Glass Tube (650 ºF / 343 ºC max)
M2G	Red/White MBG with Hermetically Sealed Glass Tube (650 ºF / 343 ºC max)
M3G	Red/Green MBG with Hermetically Sealed Glass Tube (650 ºF / 343 ºC max)
M4G	Red/Black MBG with Hermetically Sealed Glass Tube (650 ºF / 343 ºC max)
CM1A	Yellow/Black MBG with Acrylic Frost Extension for -100 ºF / -73 ºC min; (250 °F / 121 ºC max)
CM2A	Red/White MBG with Acrylic Frost Extension for -100 ºF / -73 ºC min; (250 °F / 121 °C max)
CM3A	Red/Green MBG with Acrylic Frost Extension for -100 ºF / -73 ºC min; (250 °F / 121 °C max)
CM4A	Red/Black MBG with Acrylic Frost Extension for -100 ºF / -73 ºC min; (250 °F / 121 °C max)
CM1B	Yellow/Black MBG with Acrylic Frost Extension for -200 ºF / -129 ºC min; (250 °F / 121 °C max)
CM2B	Red/White MBG with Acrylic Frost Extension for -200 ºF / -129 ºC min; (250 °F / 121 °C max)
CM3B	Red/Green MBG with Acrylic Frost Extension for -200 ºF / -129 ºC min; (250 °F / 121 °C max)
CM4B	Red/Black MBG with Acrylic Frost Extension for -200 ºF / -129 ºC min; (250 °F / 121 °C max)
CM1C	Yellow/Black MBG with Acrylic Frost Extension for -320 ºF / -196 ºC min; (250 °F / 121 °C max)
CM2C	Red/White MBG with Acrylic Frost Extension for -320 ºF / -196 ºC min; (250 °F / 121 °C max)
CM3C	Red/Green MBG with Acrylic Frost Extension for -320 ºF / -196 ºC min; (250 °F / 121 °C max)
CM4C	Red/Black MBG with Acrylic Frost Extension for -320 ºF / -196 ºC min; (250 °F / 121 °C max)
X	None
Z9	Custom

Notes:
1. If no side connection is required, put an “X” in the model # as a placeholder.
2. “Z9” shall be specified for sizes & ratings not listed in Table 3.
3. “X” shall be specified for B0, D0, S0, SW0, T0 and W0 code options.
4. Only a size designation (no rating) shall be specified for B1, B1H, B10, B10H, D1, D1H, D10, D10H, L1, L1H, SW1, SW1H, SW10, SW10H, W1, W10, W1E, and W1S code options.
5. To increase the temperature rating of the indicator, use the appropriate insulation code options.
6. Add “D” as a suffix to the indicator type when dual level indication (total and interface) is required.
7. Add “F” as a suffix to the indicator type when “float failure” indication is required.

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n Indicator Scale / Ruler

X	No indicator channel (must select “X” for Indicator Type)
A	SS indicator channel; no scale[1]
B	SS indicator channel; SS scale marked in feet / inches with 1/2 in. divisions[1,2]
C	SS indicator channel; SS scale marked in meters / centimeters with 1 cm divisions[1,2]
D	SS indicator channel; SS scale marked in running inches with 1/2 in. divisions[1,2]
E	SS indicator channel; SS scale marked in running inches with 1/8 in. divisions[1,2]
F	SS indicator channel; SS scale with custom markings (%, gallons, liters, etc.)[1]
BS	SS indicator channel; One “B” type (feet/inches) standard scale[1,2] and one custom SS scale
CS	SS indicator channel; One “C” type (meters/centimeters) standard scale[1,2] and one custom SS scale
DS	SS indicator channel; One “D” type (running inches with 1/2” divisions) standard scale[1,2] and one custom SS scale
ES	SS indicator channel; One “B” type (running inches with 1/8” divisions) standard scale[1,2] and one custom SS scale
SS	SS indicator channel; Two custom SS scales
Z9	Custom

o Approvals

X	No Approvals
U4	ATEX, Construction Safety
G2	EAC, Ex Approvals

Notes:

1. Standard scale is positioned to the left of the indicator tube (when facing the indicator).
2. Markings on standard rulers can be specified as follows: (Anything outside these ranges requires a custom scale)
   B. from 0’ to 50’ C. from -1 m to 10 m D. from -48” to 216” E. from -48” to 144”

KM26S Magnetic Level Gauge
Model Number Configuration

Additional Ordering Codes

Z99	Special Configuration[1]

Heat/Electric Tracing

TT1	Steam Trace Tubing
SJ	Steam / Water Jacket
ET1xx	Electric Tracing; Class I, Div. 2, Gp BCD (221 °F / 105 °C) max; fixed setpoint control[2,3,8]
ET2x	Electric Tracing; Class I, Div. 2, Gp BCD (400 °F / 204 °C) max; adjustable setpoint control[2,8]
ET3x	Electric Tracing; Class I, Div. 1, Gp CD (800 °F / 427 °C) max; adjustable setpoint control[2,8]

Valves[7]

VV	Vent Valve
IV	Isolation Valve
DV	Drain Valve

Other

RD	Switch Mount Rod (High Temperature option for KM26 Switches)
G	Gussets on process connections (SCH 40 minimum Chamber recommended)
GR	Oversized chamber with guide rods for flashing
ASB	Adjustable Support Bracket

Insulation

IH	High Temperature Insulation Pad (350 °F / 177 °C) max[9]
IHT	High Temperature Insulation Pad with TEMPCOAT® (1000 °F / 538 °C) max[4,9]
IH1	High Temperature Insulation; Float Chamber Only; (250 °F / 121 °C) max[5]
IH1D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (250 °F / 121 °C) max[5]
IH2	High Temperature Insulation; Float Chamber Only; (500 °F / 260 °C) max[5]
IH2D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (500 °F / 260 °C) max[5]
IH2T	High Temperature Insulation with TEMPCOAT®; Float Chamber Only; (1000 °F / 538 °C) max[4,5]
IH2DT	High Temperature Insulation with TEMPCOAT®; Float Chamber & Vent / Drain Flanges; (1000 °F / 538 °C) max[4,5]
IH3	High Temperature Insulation; Float Chamber Only; (1000 °F / 538 °C) max[5,6]
IH3D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000 °F / 538 °C) max[5,6]
IH3T	High Temperature Insulation with TEMPCOAT®; Float Chamber Only; (1000 °F / 538 °C) max[4,5,6]
IH3DT	High Temperature Insulation with TEMPCOAT®; Float Chamber & Vent / Drain Flanges; (1000 °F / 538 °C) max[4,5,6]
IL1	Cryogenic Insulation; 2” thick; single layer; (350 °F / 177 °C) max; (-100 °F / -73 °C) min
IL2	Cryogenic Insulation; 3” thick; double layer; (350 °F / 177 °C) max; (-200 °F / -129 °C) min
IL3	Cryogenic Insulation; 4” thick; double layer; (350 °F / 177 °C) max; (-320 °F / -196 °C) min

Notes:

1. Anything not included in the Additional Ordering Codes will be considered a Special Configuration. This includes any side connections over the standard quantity of 3.
2. Specify power supply (ex. ET21 with 110 VAC power supply).
   1) 110 VAC
   2) 220 VAC
   4) 440 VAC
3. For ET1xx series only, specify setpoint (ex. ET11A = ET1 with 110VAC power supply and a setpoint of 35 °F)
   A) 35 °F / 1.7 °C
   B) 45 °F / 7.2 °C
   C) 60 °F / 15.6 °C
   D) 90 °F / 32.2 °C
   E) 185 °F / 85 °C
4. This option is only used when a MBG Indicator Type is selected AND temperatures that exceed 650 °F / 343 °C.
5. ABB recommends chamber insulation for personnel safety.
6. This option can not be used with transmitters or switches as this insulation is thicker than IH1 and IH2 options.
7. Specify Valve Manufacturer and Model.
8. This option is not allowed with U4 approval code for ATEX Constructional safety.
9. If applicable, a separate insulation pad will need to be ordered as an accessory for transmitters and switches.

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Note: The following accessories/services selected will not appear in the model # on engineering drawings or nameplates.

Engineering Documents
GD1 Drawings for Approval
GD2 Drawings for Record
GD3 Certified as Built Drawings
GD4 Weld Map (Per Tag)
GD5 Inspection and Test Plan
GD6 Float Curve

Radiographic Services - Per Tag
CRA Radiographic Examination on all Pressure containing Butt Welds / and all other pressure containing welds are Liquid Dye Penetrant tested (Final Pass Only)
CRB Radiographic Examination on all Pressure containing Butt Welds / and all other pressure containing welds are Liquid Dye Penetrant tested (Root and Final Pass)
CRC 10% Radiographic Examination on Pressure containing Butt Welds / 10% of other pressure containing welds are Liquid Dye Penetrant tested (Final Pass Only)
CRD 10% Radiographic Examination on Pressure containing Butt Welds / 10% of other pressure containing welds are Liquid Dye Penetrant tested (Root and Final Pass)
CRE Radiographic Examination on all Pressure containing Butt Welds (Final Pass Only)
CRF Radiographic Examination on all Pressure containing Butt Welds (Root and Final Pass)

Liquid Dye Penetrant - Per Tag
CNA Liquid Dye Penetrant Examination on all Pressure containing Welds (Final Pass Only)
CNB Liquid Dye Penetrant Examination on all Pressure containing Welds (Root and Final Pass)
CNC Liquid Dye Penetrant Examination on 10% of all Pressure containing Welds (Final Pass Only)
CND Liquid Dye Penetrant Examination on 10% of all Pressure containing Welds (Root and Final Pass)
CNE Liquid Dye Penetrant Examination on all Welds (Final Pass Only)

Positive Material Identification
CHC Positive Material Identification with Carbon Content
CHD Positive Material Identification without Carbon Content

Pressure Equipment Directive (PED)*†
K5 RoHS Compliance, No PED**
K6 PED Certificate of Compliance (SEP), RoHS Compliance**
K8 PED Declaration of Conformity (Category I - IV), RoHS Compliance**

Hydrostatic Examination
CP1 Hydrostatic Examination - (10 minutes)
CP2 Hydrostatic Examination with Chart Recording - (30 minutes)
CP3 Hydrostatic Examination with Chart Recording - (60 minutes)
CP4 Hydrostatic Examination with Chart Recording - (120 minutes)

Approved Material List*
MS1 Country Of Origin - Material source limitations apply
GS7 Approved Material List

Welding Services
FWP Full Penetration Welds Only
FWT TIG Welding Only

Material Monitoring
C2 Material Monitoring with Inspection Certificate 3.1 acc. EN 10204 (MTR)
C3 Material Monitoring with Inspection Certificate 3.2 acc. EN 10204 (MTR)

Additional Services
C7 Helium leak test on pressure bearing parts
CHA Intergranular Corrosion Destructive Test
CHB Corrosive Test
CHE Charpy Test
CHF Certificate of Surface Finish
CHP Certificate of Pickling and Passivation
CHS Ultrasonic Testing - Shearwave
CHT Third Party Inspection
CHV Hardness Testing (per customer specification)
CHW Ferrite Testing
CH5 Magnetic Particle Inspection/Testing
CH6 Ultrasonic Testing - Thickness Testing
CH7 Post Weld Heat Treatment
CP5 Hydrostatic Examination of Float
CPV Visual Examination
GW1 Equipment Weight Documention
STP Painting with standard ABB K-TEK paint (carbon steel non-wetted surfaces only)
STS Special painting or surface treatment per customer specification

ASME Code Stamp*†
CSU ASME Code Stamp U
CSM ASME Code Stamp UM
CSS ASME Code Stamp S

Manufacturer's Data Records
CD1 ABB Standard Manufacturer's Data Records Indexed (all requested testing, drawings, certificates, etc) as a single document and electronically transferred with no customer approvals required
CDZ Special Manufacturer's Data Records, Indexed

Origin Documents
GS1 Certificate of Origin
GS2 Certificate of Origin Notarized by Local Chamber of Commerce
GS3 Certificate of Origin Legalized by Specific Country Chamber of Commerce - Lead Time may be extended depending on Country
GS4 Korean Foreign Trade certificate
GS5 NAFTA Certificate
GS6 EX-IM BANK Certificate (One per Tag)

Certifications
CK Certificate of Compliance for ANSI / ASME*†
CL General Certificate of Compliance
CU3 Certificate of Functionality (Mechanical Function Test)
CRN Canadian Registration Number*†
CPE Calibration Certificate of Hydrotest Equipment†

NACE
CN1 NACE (MR 0103) Hardness Certificate*
CN3 NACE (MR 0175 / ISO 15156) Hardness Certificate*

***Requires C2 or C3 in Material Monitoring**
****RoHS Compliance - Restricted Materials like Cadmium Plated items Not Allowed**
†Requires CP1, CP2, CP3 or CP4 in Hydrostatic Examination

KM26S Magnetic Level Gauge
Chamber Configuration

Table 1

Chamber/Connection Material			
SS1	321 SS	HL4	Halar® Coated 304 SS[2,4,6,11]
SS4	304 / 304L SS	HL6	Halar® Coated 316 SS[2,4,6,11]
SS6	316 / 316L SS	TF4	Tefzel® Coated 304 SS (-150 °F / -101 °C min)[2,4,6,7,11]
SS7	317 / 317L SS	TF6	Tefzel® Coated 316 SS(-150 °F / -101 °C min)[2,4,6,7,11]
S47	347 SS	A20	Alloy 20 (800 °F / 427 °C max)
SS9	904 SS (700 °F / 371 °C max)	I60	Alloy 600
HSC	Hastelloy® C-276	I62	Alloy 625
HSB	Hastelloy® B	I80	Alloy 800
TI	Titanium (Grade 2) (600 °F / 316 °C max)[10]	I82	Alloy 825
PP	Polypropylene (35 to 200 °F / 2 to 93 °C)[8,10]	ZI2	Zirconium 702 (700 °F / 371 °C max)[10]
PVD	KYNAR® (PVDF) (-40 to 280 °F / -40 to 138 °C)[3,10]	MO	Monel® 400 (900 °F / 482 °C max)
PVC	PVC (140 °F / 60 °C max)[3,10]	CST	Carbon Steel (-20 °F / -29 °C min)[9]
CPV	CPVC (210 °F / 99 °C max)[3,10]	LCS	Low Temperature Carbon Steel (-50 °F / -46 °C min)[9]
EPF	Epoxy Resin Fiberglass (225 °F / 107 °C max)[3,10]	DUP	Duplex® Stainless Steel (600 °F / 316 °C max)[9]
VEF	Vinyl Ester Fiberglass (175 °F / 79 °C max)[3,10]	Z9	Other Material Type (Specify Separately)
TN4	TEFLON® "S" One Coat Coated 304 / 304L SS[1,5,11]		
TN6	TEFLON® "S" One Coat Coated 316 / 316L SS[1,5,11]		

Notes:

[1] To minimize friction for optimal float travel - maximum temperature = 425 °F / 218 °C.
[2] For increased corrosion resistance - maximum temperature = 300 °F / 149 °C.
[3] Maximum measuring length is 14 feet / 4.27 meters.
[4] Tefzel® or Halar® coated units must not have any FNPT options and must have chamber sized flanged access on top and bottom of chamber. This option should not be used on connections that require welding in the field.
[5] Maximum measuring length is 22 feet / 6.7 meters.
[6] Maximum measuring length is 16 feet / 4.88 meters.
[7] Schedule 40 minimum chamber required.
[8] Maximum measuring length is 15 feet / 4.57 meters.
[9] Not available as a chamber option. When CST, LCS and DUP materials are chosen, all parts which are not welded directly to the side of the chamber can be of those same material types.
[10] This is not available as a chamber, connection or float material with U4 approval code for ATEX Constructional Safety
[11] When the chamber material selected is a coated option, the connection materials will also have that same coating type applied.

Required Dimensional Information (Specify in inches or mm):

ML, CF, FF, CC and FC dimensions.
Note: When 3 or more side connections are required, specify the distance between each connection.

IMPORTANT NOTE:

The information above is provided for the customer to indicate specific requirements. Other sizing & ratings not specified will be selected by the factory based on standard design & manufacturing practices using temperature, pressure & specific gravity data.

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2

Code Options / Definitions	
B0	Blind Flange with Float Stop Spring and Mating Slip-On Flange
B1	B0 with FNPT[3]
B2	B0 with Plug[3]
B3	B0 with Socket Weld Half Coupling[3]
B4	B0 with FNPT Half Coupling[3]
B5	B0 with Pipe Nipple, for Socket Welding (Flat)[3]
B6	B0 with Pipe Nipple, for Butt Welding (37.5° bevel)[3]
B7	B0 with Pipe Nipple, MNPT[3]
B9S	B0 with Pipe Nipple and Slip-On Flange[3]
B9W	B0 with Pipe Nipple and Weld Neck Flange[3]
B10	B0 with Socket Weld Bore[3]
B3L	B0 with Flat Sock-o-let[3]
B4L	B0 with Flat Thread-o-let[3]
B5L	B0 with Flat Sock-o-let, Pipe Nipple for Socket Welding (Flat)[3]
B6L	B0 with Flat Sock-o-let, Pipe Nipple for Butt Welding (37.5° Bevel)[3]
B7L	B0 with Flat Sock-o-let and Pipe Nipple, MNPT[3]
B9SL	B0 with Flat Sock-o-let, Pipe Nipple and Slip-On Flange[3]
B9WL	B0 with Flat Sock-o-let, Pipe Nipple and Weld Neck Flange[3]
B3C	B0 with Pipe Nipple and Socket Weld Coupling[3]
B4C	B0 with Pipe Nipple and SW x FNPT Coupling[3]
B3LC	B0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Coupling[3]
B4LC	B0 with Flat Sock-o-let, Pipe Nipple and SW x FNPT Coupling[3]
B4P	B0 with FNPT Half Coupling and Plug[3]
B4LP	B0 with Flat Thread-o-let and Plug[3]
B4CP	B0 with Pipe Nipple, SW x FNPT Coupling and Plug[3]
B4LCP	B0 with Flat Sock-o-let, Pipe Nipple, SW x FNPT Coupling and Plug[3]
C0	FNPT Half Coupling
C0P	C0 with Plug
C0L	Thread-o-let (min. SCH 40 Chamber)
C0C	SW x FNPT Coupling with Pipe Nipple
C0CE	SW x FNPT Coupling with Pipe Nipple connected via Extruded Outlet[2]
C1	Socket Weld Half Coupling
C1C	Socket Weld Coupling with Pipe Nipple
C1CE	Socket Weld Coupling with Pipe Nipple connected via Extruded Outlet[2]
C0LC	SW x FNPT Coupling with Pipe Nipple and Sock-o-let (min. SCH 40 Chamber)
C1L	Sock-o-let (min. SCH 40 Chamber)
C1LC	Socket Weld Coupling with Pipe Nipple and Sock-o-let (min. SCH 40 Chamber)

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
D0	Blind Flange with Float Stop Spring and a Mating Weld Neck Flange
D1	D0 with FNPT[3]
D2	D0 with Plug[3]
D3	D0 with Socket Weld Half Coupling[3]
D4	D0 with FNPT Half Coupling[3]
D5	D0 with Pipe Nipple, for Socket Welding (Flat)[3]
D6	D0 with Pipe Nipple, for Butt Welding (37.5° Bevel)[3]
D7	D0 with Pipe Nipple, MNPT[3]
D9S	D0 with Pipe Nipple and Slip-On Flange[3]
D9W	D0 with Pipe Nipple and Weld Neck Flange[3]
D10	D0 with Socket Weld Bore[3]
D3L	D0 with Flat Sock-o-let[3]
D4L	D0 with Flat Thread-o-let[3]
D5L	D0 with Flat Sock-o-let and Nipple, for Socket Welding (Flat)[3]
D6L	D0 with Flat Weld-o-let and Nipple, for Butt Welding (37.5° Bevel)[3]
D7L	D0 with Flat Weld-o-let and Nipple, MNPT[3]
D9L	D0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange[3]
D3C	D0 with Pipe Nipple and Socket Weld Coupling[3]
D4C	D0 with Pipe Nipple and SW x FNPT Coupling[3]
D3LC	D0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling[3]
D4LC	D0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling[3]
D4P	D0 with FNPT Half Coupling and Plug[3]
D4LP	D0 with Flat Thread-o-let and Plug[3]
D4CP	D0 with Pipe Nipple, SW x FNPT Coupling and Plug[3]
D4LCP	D0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug[3]
F	Weld Neck Flange with Float Stop Spring (Top/Bottom Code Option)[1]
FE	Weld Neck Flange connected to chamber via Extruded Outlet[2]
F0	Weld Neck Flange with Pipe Nipple (Side Code Option)
F0E	FE with Pipe Nipple Between Chamber & Weld Neck Flange[2]
F1	Weld Neck Flange with Weld-o-let (min. SCH 40 Chamber)
F1C	Weld Neck Flange with Weld-o-let and Pipe Nipple (min. SCH 40 Chamber)
F2	Weld Neck Flange with Weld-o-let and Concentric Reducer (min. SCH 40 Chamber)
F2C	Weld Neck Flange with Weld-o-let and Concentric Reducer and Pipe Nipple (min. SCH 40 Chamber)
F3	Weld Neck Flange with Concentric Reducer
F3E	Weld Neck Flange with Concentric Reducer connected to chamber via Extruded Outlet[2]
F3C	Weld Neck Flange with Concentric Reducer and Pipe Nipple
F3CE	Weld Neck Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet[2]
F4	Weld Neck Flange with Butt Weld Tee
F4C	Weld Neck Flange with Butt Weld Tee and Pipe Nipple
F43	Weld Neck Flange with Butt Weld Tee and Concentric Reducer
F43C	Weld Neck Flange with Butt Weld Tee and Concentric Reducer and Pipe Nipple
F9	Weld Neck Flange with Concentric Reducer (Top/Bottom Code Option)

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
G	Slip-On Flange with Float Stop Spring (Top/Bottom Code Option)[1]
GE	Slip-On Flange with Pipe Nipple connected to chamber via Extruded Outlet[2]
G0	Slip-On Flange with Pipe Nipple (Side Code Option)
G1	Slip-On Flange with Weld-o-let and Pipe Nipple (min. SCH 40 Chamber)
G2	Slip-On Flange with Weld-o-let, Concentric Reducer and Pipe Nipple
G3	Slip-On Flange with Concentric Reducer and Pipe Nipple
G3E	Slip-On Flange with Concentric Reducer and Pipe Nipple Connected via Extruded Outlet[2]
G4	Slip-On Flange with Butt Weld Tee and Pipe Nipple
G43	Slip-On Flange with Butt Weld-tee, Concentric Reducer and Pipe Nipple
L	Stub End with Lap Joint Flange with Float Stop Spring (Top/Bottom Code Option)[1]
L0	Stub End with Lap Joint Flange (Side Code Option)
LE	Stub End with Lap Joint Flange connected to chamber via Extruded Outlet[2]
LCE	Stub End with Lap Joint Flange and Pipe Nipple connected via Extruded Outlet[2]
L1	L with Mating Blind Flange with FNPT[3]
L2	L with Mating Blind Flange with Plug[3]
LC	Stub End with Lap Joint Flange and Pipe Nipple
L3	Stub End with Lap Joint Flange and Concentric Reducer
L3E	Stub End with Lap Joint Flange, Concentric Reducer connected via Extruded Outlet[2]
L3C	Stub End with Lap Joint Flange, Concentric Reducer and Pipe Nipple
L3CE	Stub End with Lap Joint Flange, Concentric Reducer and Pipe Nipple connected via Extruded Outlet[2]
L39	L with Mating Stub End and Lap Joint Flange, Concentric Reducer, Stub End and Lap Joint Flange
L4	Stub End with Lap Joint Flange and Butt Weld Tee
L43	Stub End with Lap Joint Flange, Butt Weld Tee and Concentric Reducer
L9	L with Mating Blind Flange, Pipe Nipple, Stub End and Lap Joint Flange[3]
N0	Branch Nipple, for Socket Weld (Flat)
N0E	Branch Nipple, for Socket Weld (Flat) connected to chamber via Extruded Outlet[2]
N2	Branch Nipple, for Butt Welding (37.5° Bevel)
N2E	Branch Nipple, for Butt Welding (37.5° Bevel) connected to chamber via Extruded Outlet[2]
N3	MNPT Branch Nipple
N3E	MNPT Branch Nipple connected to chamber via Extruded Outlet[2]
N6	Weld-o-let, for Butt Welding (min. SCH 40 Chamber)
N0L	Weld-o-let with Pipe Nipple, for Socket Weld (Flat) (min. SCH 40 Chamber)
N2L	Weld-o-let with Pipe Nipple, for Butt Welding (37.5° Bevel) (min. SCH 40 Chamber)
N3L	Weld-o-let with Pipe Nipple, MNPT, (min. SCH 40 Chamber)
R9	Weld Neck Flange with Mating Weld Neck Flange, Float Stop Spring, Concentric Reducer and Weld Neck Flange

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
S0	Screwed Pipe Cap with Float Stop Spring (min. SCH 40 Chamber)
S4	S0 with FNPT Half Coupling (min. SCH 40 Chamber)
S4P	S0 with FNPT Half Coupling and Plug (min. SCH 40 Chamber)
S7	S0 with Pipe Nipple, MNPT
SW	Socket Weld Flange with Float Stop Spring (Top/Bottom Code Option)[1]
SW0	Blind Flange with Float Stop Spring and Mating Socket Weld Flange
SW1	SW0 with FNPT[3]
SW2	SW0 with Plug[3]
SW3	SW0 with Socket Weld Half Coupling[3]
SW4	SW0 with FNPT Half Coupling[3]
SW5	SW0 with Nipple, for Socket Welding (Flat)[3]
SW6	SW0 with Nipple, for Butt Welding (37.5° bevel)[3]
SW7	SW0 with Pipe Nipple, MNPT[3]
SW9	SW0 with Pipe Nipple and Socket Weld Flange[3]
SW10	SW0 with Socket Weld Bore[3]
SW3L	SW0 with Flat Sock-o-let[3]
SW4L	SW0 with Flat Thread-o-let[3]
SW5L	SW0 with Flat Sock-o-let, Pipe Nipple for Socket Welding (Flat)[3]
SW6L	SW0 with Flat Sock-o-let, Pipe Nipple for Butt Welding (37.5° bevel)[3]
SW7L	SW0 with Flat Sock-o-let and Pipe Nipple, MNPT[3]
SW9L	SW0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Flange[3]
SW3C	SW0 with Pipe Nipple and Socket Weld Coupling[3]
SW4C	SW0 with Pipe Nipple and SW x FNPT Coupling[3]
SW3LC	SW0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Coupling[3]
SW4LC	SW0 with Flat Sock-o-let, Pipe Nipple and SW x FNPT Coupling[3]
SW4P	SW0 with FNPT Half Coupling and Plug[3]
SW4LP	SW0 with Flat Thread-o-let and Plug[3]
SW4CP	SW0 with Pipe Nipple, SW x FNPT Coupling and Plug[3]
SW4LCP	SW0 with Flat Sock-o-let, Pipe Nipple, SW x FNPT Coupling and Plug[3]
SWS	Socket Weld Flange with Pipe Nipple
SWSE	Socket Weld Flange with Pipe Nipple connected to chamber via Extruded Outlet[2]
SWS1	Socket Weld Flange with Weld-o-let and Pipe Nipple
SWS2	Socket Weld Flange with Weld-o-let, Concentric Reducer and Pipe Nipple
SWS3	Socket Weld Flange with Concentric Reducer and Pipe Nipple
SWS3E	Socket Weld Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet
SWS4	Socket Weld Flange with Butt Weld Tee and Pipe Nipple
SWS43	Socket Weld Flange with Butt Weld Tee, Concentric Reducer and Pipe Nipple

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
T0	Butt Welded Pipe Cap with Float Stop Spring
T3	T0 with Socket Weld Half Coupling
T4	T0 with FNPT Half Coupling
T5	T0 with Pipe Nipple, for Socket Welding (Flat)
T6	T0 with Pipe Nipple, for Butt Welding (37.5° Bevel)
T7	T0 with Pipe Nipple, MNPT
T9S	T0 with Pipe Nipple and Slip-On Flange
T9SW	T0 with Pipe Nipple and Socket Weld Flange
T9W	T0 with Pipe Nipple and Weld Neck Flange
T3L	T0 with Flat Sock-o-let
T4L	T0 with Flat Thread-o-let
T4P	T0 with FNPT Half Coupling and Plug
T4LP	T0 with Flat Thread-o-let and Plug
T5L	T0 with Flat Weld-o-let and Pipe Nipple, for Socket Welding (Flat)
T6L	T0 with Flat Weld-o-let and Pipe Nipple, for Butt Welding (37.5° Bevel)
T7L	T0 with Flat Weld-o-let and Pipe Nipple, MNPT
T9SL	T0 with Flat Weld-o-let, Pipe Nipple and Slip-On Flange
T9WL	T0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange
T9SWL	T0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Flange
T3C	T0 with Pipe Nipple and Socket Weld Coupling
T4C	T0 with Pipe Nipple and SW x FNPT Coupling
T3LC	T0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
T4LC	T0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling
T4CP	T0 with Pipe Nipple, SW x FNPT Coupling and Plug
T4LCP	T0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
W0	Welded Flat End Cap with Float Stop Spring
W1	W0 with FNPT
W2	W0 with Plug
W3	W0 with Socket Weld Half Coupling
W4	W0 with FNPT Half Coupling
W5	W0 with Pipe Nipple, for Socket Welding (Flat)
W6	W0 with Pipe Nipple, for Butt Welding (37.5° Bevel)
W7	W0 with Pipe Nipple, MNPT
W9S	W0 with Pipe Nipple and Slip-On Flange
W9SW	W0 with Pipe Nipple and Socket Weld Flange
W9W	W0 with Pipe Nipple and Weld Neck Flange
W10	W0 with Socket Weld Bore
W3L	W0 with Flat Weld-o-let
W4L	W0 with Flat Thread-o-let
W5L	W0 with Flat Weld-o-let and Pipe Nipple for Socket Welding (Flat)
W6L	W0 with Flat Weld-o-let and Pipe Nipple for Butt Welding (37.5° Bevel)
W7L	W0 with Flat Weld-o-let and Pipe Nipple, MNPT
W9SL	W0 with Flat Weld-o-let, Pipe Nipple and Slip-On Flange
W9WL	W0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange
W9SWL	W0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Flange
W3C	W0 with Pipe Nipple and Socket Weld Coupling
W4C	W0 with Pipe Nipple and SW x FNPT Coupling
W3LC	W0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
W4LC	W0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling
W4LP	W0 with Flat Thread-o-let and Plug
W4CP	W0 with Pipe Nipple, SW x FNPT Coupling and Plug
W4LCP	W0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug
W1E	Branch Nipple with Flat End Cap with FNPT, connected via Extruded Outlet[2]
W1S	Branch Nipple with Flat End Cap with FNPT, connected via Saddle Weld
X	No Connection
Z9	Custom

Notes:

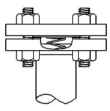
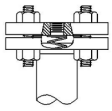
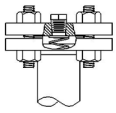
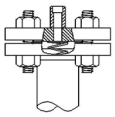
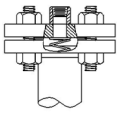
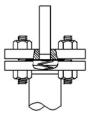
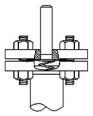
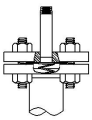
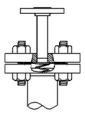
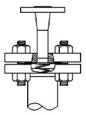
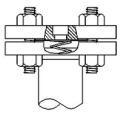
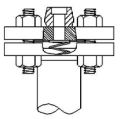
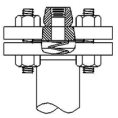
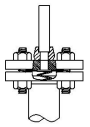
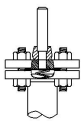
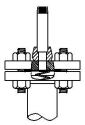
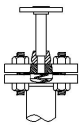
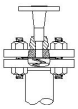
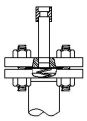
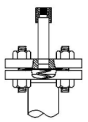
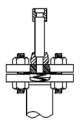
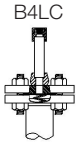
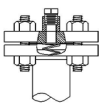
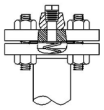
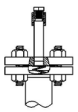
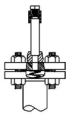
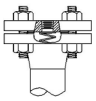
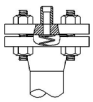
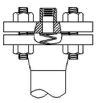
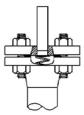
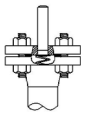
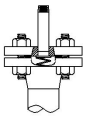
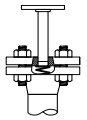
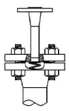
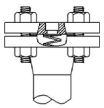
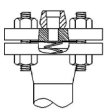
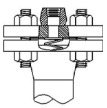
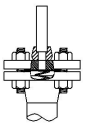
1. When a flanged option (F, G, L, or SW) is a process connection on either end of the chamber as shown in the configuration tables these will be provided with a float stop bar (or disk) and spring to keep the float confined in the chamber.
2. Extruded outlet connections can be utilized as follows:

	Chamber Schedule	Flange/Pipe Sizes
*Stainless Steel:	10	1", 1-1/2" & 2"
*Stainless Steel:	40	1-1/2" & 2"
Alloy 20:	10	1-1/2" & 2"
Hastelloy® C-276:	10	1-1/2" & 2"

*Includes SS1, SS4, SS6, SS7, S47, TN4, TN6, HL4, HL6, TF4 and TF6 material types. TF4 and TF6 types require SCH 40 minimum chambers. Welded or seamless chambers can be extruded. Extruded outlets are full bore up to a maximum of 2" NPS.

3. Add an "H" behind the code option if a high hub blind flange is needed. In cases where a "P" is in the model code for plugged options, the "H" shall be placed in front of the "P."

KM26S Magnetic Level Gauge
Chamber Configuration - Top

B0 	B1 	B2 	B3 	B4 	B5 	B6 
B7 	B9S 	B9W 	B10 	B3L 	B4L 	B5L 
B6L 	B7L 	B9SL 	B9WL 	B3C 	B4C 	B3LC 
B4LC 	B4P 	B4LP 	B4CP 	B4LCP 	D0 	D1 
D2 	D3 	D4 	D5 	D6 	D7 	D9S 
D9W 	D10 	D3L 	D4L 	D5L 	D6L	D7L
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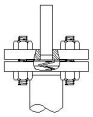
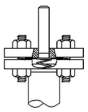
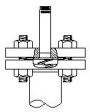
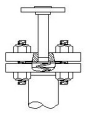
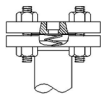
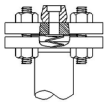
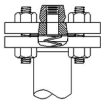
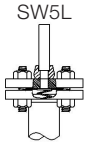
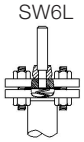
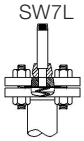
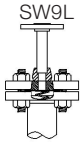
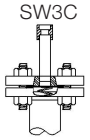
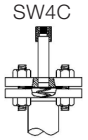
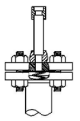
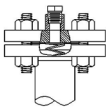
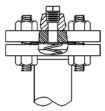
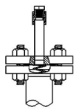
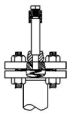
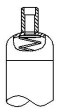
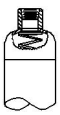
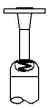
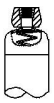
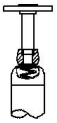
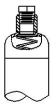
D4CP	D4LCP	F	F9	G	L	L1
L2	L39	L9	R9	S0	S4	S4P
S7	SW	SW0	SW1	SW2	SW3	SW4

KM26S Magnetic Level Gauge
Chamber Configuration - Top

SW5 	SW6 	SW7 	SW9 	SW10 	SW3L 	SW4L 
SW5L 	SW6L 	SW7L 	SW9L 	SW3C 	SW4C 	SW3LC 
SW4LC 	SW4P 	SW4LP 	SW4CP 	SW4LCP 	T0 	T3 
T4 	T5 	T6 	T7 	T9S and T9SW 	T9W 	T3L 
T4L 	T5L 	T6L 	T7L 	T9SL and T9SWL 	T9WL 	T3C 
T4C 	T3LC 	T4LC 	T4P 	T4LP 	T4CP	T4LCP
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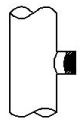
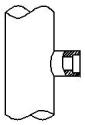
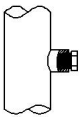
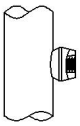
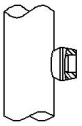
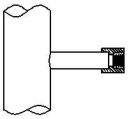
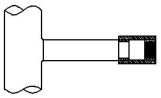
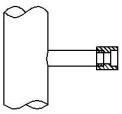
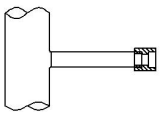
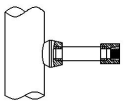
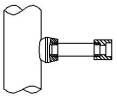
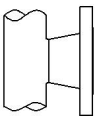
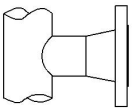
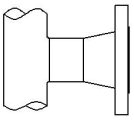
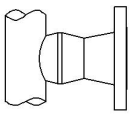
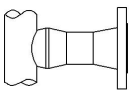
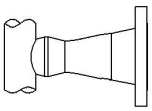
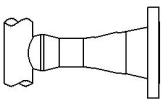
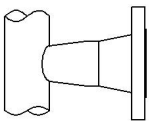
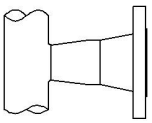
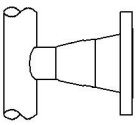
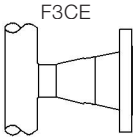
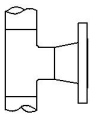
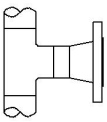
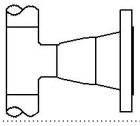
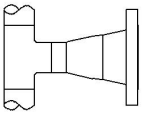
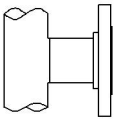
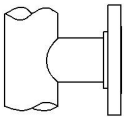
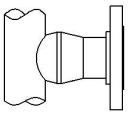
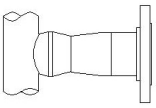
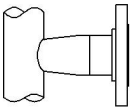
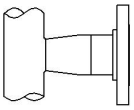
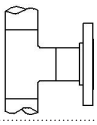
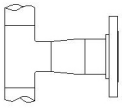
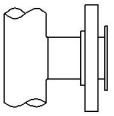
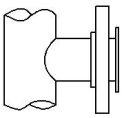
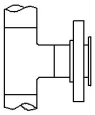
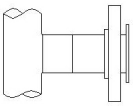
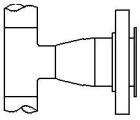
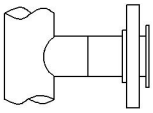
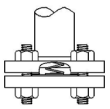
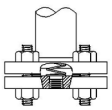
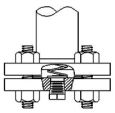
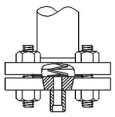
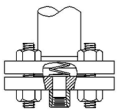
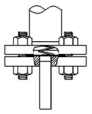
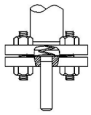
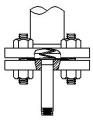
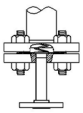
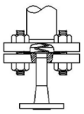
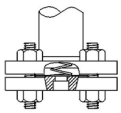
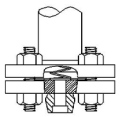
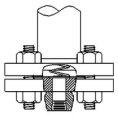
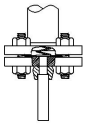
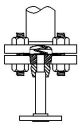
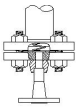
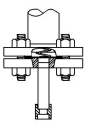
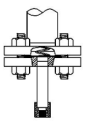
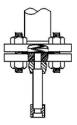
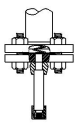
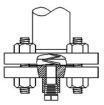
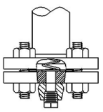
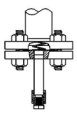
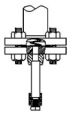
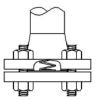
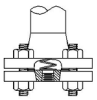
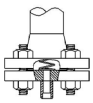
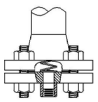
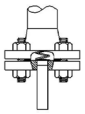
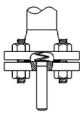
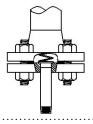
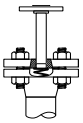
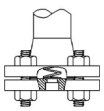
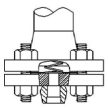
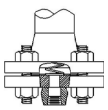
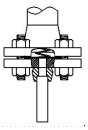
W7	W9S and W9SW	W9W	W10	W3L	W4L	W5L
W6L	W7L	W9SL and W9SWL	W9WL	W3C	W4C	W3LC
W4LC	W4LP	W4CP	W4LCP			

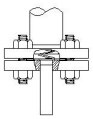
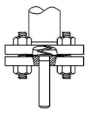
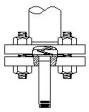
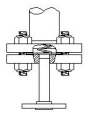
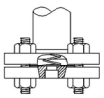
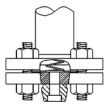
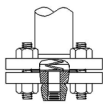
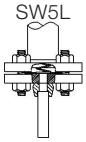
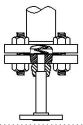
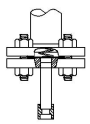
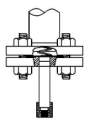
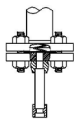
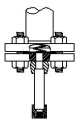
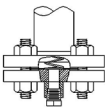
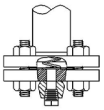
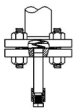
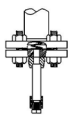
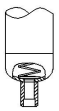
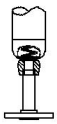
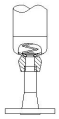
KM26S Magnetic Level Gauge
Chamber Configuration - Side

C0 	C1 	C0P 	C0L 	C1L 	C0C 	C0CE 
C1C 	C1CE 	C0LC 	C1LC 	FE 	F0 	F0E 
F1 	F1C 	F2 	F2C 	F3 	F3E 	F3C 
F3CE 	F4 	F4C 	F43 	F43C 	GE 	G0 
G1 	G2 	G3 	G3E 	G4 	G43 	LE 
L0 	L4 	LCE 	L43 	LC 	L3E	L3
L3CE	L3C	NO	N0E	N2	N2E	N3
N3E	N6	N0L	N2L	N3L	SWS	SWSE
SWS1	SWS2	SWS3	SWS3E	SWS4	SWS43	W1E
W1S	X					

KM26S Magnetic Level Gauge
Chamber Configuration - Bottom

B0 	B1 	B2 	B3 	B4 	B5 	B6 
B7 	B9S 	B9W 	B10 	B3L 	B4L 	B5L 
B6L 	B7L 	B9SL 	B9WL 	B3C 	B4C 	B3LC 
B4LC 	B4P 	B4LP 	B4CP 	B4LCP 	D0 	D1 
D2 	D3 	D4 	D5 	D6 	D7 	D9S 
D9W 	D10 	D3L 	D4L 	D5L 	D6L	D7L
D9L	D3C	D4C	D3LC	D4LC	D4P	D4LP
D4CP	D4LCP	F	F9	G	L	L1
L2	L39	L9	R9	S0	S4	S4P
S7	SW	SW0	SW1	SW2	SW3	SW4

KM26S Magnetic Level Gauge
Chamber Configuration - Bottom

SW5 	SW6 	SW7 	SW9 	SW10 	SW3L 	SW4L 
SW5L 	SW6L 	SW7L 	SW9L 	SW3C 	SW4C 	SW3LC 
SW4LC 	SW4P 	SW4LP 	SW4CP 	SW4LCP 	T0 	T3 
T4 	T5 	T6 	T7 	T9S and T9SW 	T9W 	T3L 
T4L 	T5L 	T6L 	T7L 	T9SL and T9SWL 	T9WL 	T3C 
T4C 	T3LC 	T4LC 	T4P 	T4LP 	T4CP	T4LCP
W0	W1	W2	W3	W4	W5	W6
W7	W9S and W9SW	W9W	W10	W3L	W4L	W5L
W6L	W7L	W9SL and W9SWL	W9WL	W3C	W4C	W3LC
W4LC	W4LP	W4CP	W4LCP			

KM26S Magnetic Level Gauge
Chamber Configuration

Table 3

		Size & Rating Designations for ASME B16.5 Flanges				
Size	**Rating**	**Raised Face**	**Flat Face**	**Ring Type Joint**	**Male**	**Tongue**
1/2“	150	R51	F51	J51	M51	TG51
	300	R53	F53	J53	M53	TG53
	600	R56	F56	J56	M56	TG56
	900	R59	F59	J59	M59	TG59
	1500	R515	F515	J515	M515	TG515
	2500	R525	F525	J525	M525	TG525
3/4“	150	R71	F71	J71	M71	TG71
	300	R73	F73	J73	M73	TG73
	600	R76	F76	J76	M76	TG76
	900	R79	F79	J79	M79	TG79
	1500	R715	F715	J715	M715	TG715
	2500	R725	F725	J725	M725	TG725
1“	150	R11	F11	J11	M11	TG11
	300	R13	F13	J13	M13	TG13
	600	R16	F16	J16	M16	TG16
	900	R19	F19	J19	M19	TG19
	1500	R115	F115	J115	M115	TG115
	2500	R125	F125	J125	M125	TG125
1 1/2“	150	R151	F151	J151	M151	TG151
	300	R153	F153	J153	M153	TG153
	600	R156	F156	J156	M156	TG156
	900	R159	F159	J159	M159	TG159
	1500	R1515	F1515	J1515	M1515	TG1515
	2500	R1525	F1525	J1525	M1525	TG1525
2“	150	R21	F21	J21	M21	TG21
	300	R23	F23	J23	M23	TG23
	600	R26	F26	J26	M26	TG26
	900	R29	F29	J29	M29	TG29
	1500	R215	F215	J215	M215	TG215
	2500	R225	F225	J225	M225	TG225
2 1/2“	150	R251	F251	J251	M251	TG251
	300	R253	F253	J253	M253	TG253
	600	R256	F256	J256	M256	TG256
	900	R259	F259	J259	M259	TG259
	1500	R2515	F2515	J2515	M2515	TG2515
	2500	R2525	F2525	J2525	M2525	TG2525
3“	150	R31	F31	J31	M31	TG31
	300	R33	F33	J33	M33	TG33
	600	R36	F36	J36	M36	TG36
	900	R39	F39	J39	M39	TG39
	1500	R315	F315	J315	M315	TG315
	2500	R325	F325	J325	M325	TG325

		Size & Rating Designations for EN 1092 Flanges[1]	
Size	**Rating**	**Raised Face (Type B1)**	**Flat Face (Type A)**
DN15	PN16	RAC	FAC
	PN25	RAD	FAD
	PN40	RAE	FAE
	PN63	RAF	FAF
	PN100	RAG	FAG
	PN160	RAH	FAH
	PN250	RAJ	FAJ
	PN320	RAK	FAK
DN20	PN16	RBC	FBC
	PN25	RBD	FBD
	PN40	RBE	FBE
	PN63	RBF	FBF
	PN100	RBG	FBG
	PN160	RBH	FBH
	PN250	RBJ	FBJ
	PN320	RBK	FBK
DN25	PN16	RCC	FCC
	PN25	RCD	FCD
	PN40	RCE	FCE
	PN63	RCF	FCF
	PN100	RCG	FCG
	PN160	RCH	FCH
	PN250	RCJ	FCJ
	PN320	RCK	FCK
DN40	PN16	REC	FEC
	PN25	RED	FED
	PN40	REE	FEE
	PN63	REF	FEF
	PN100	REG	FEG
	PN160	REH	FEH
	PN250	REJ	FEJ
	PN320	REK	FEK
DN50	PN16	RFC	FFC
	PN25	RFD	FFD
	PN40	RFE	FFE
	PN63	RFF	FFF
	PN100	RFG	FFG
	PN160	RFH	FFH
	PN250	RFJ	FFJ
	PN320	RFK	FFK

KM26S Magnetic Level Gauge
Connection Sizes & Ratings

Table 3 (continued)

		Size & Rating Designations for ASME B16.5 Flanges				
Size	**Rating**	**Raised Face**	**Flat Face**	**Ring Type Joint**	**Male**	**Tongue**
4“	150	R41	F41	J41	M41	TG41
	300	R43	F43	J43	M43	TG43
	600	R46	F46	J46	M46	TG46
	900	R49	F49	J49	M49	TG49
	1500	R415	F415	J415	M415	TG415
	2500	R425	F425	J425	M425	TG425
6“	150	R61	F61	J61	M61	TG61
	300	R63	F63	J63	M63	TG63
	600	R66	F66	J66	M66	TG66
	900	R69	F69	J69	M69	TG69
	1500	R615	F615	J615	M615	TG615
	2500	R625	F625	J625	M625	TG625

Size	**Rating**	**Sock-o-lets**	**Thread-o-lets**	**Plugs**	**Coup-lings**
1/2”	3000#	S053	T053	P053	C053
	6000#	S056	T056	P056	C056
3/4”	3000#	S073	T073	P073	C073
	6000#	S076	T076	P076	C076
1”	3000#	S103	T103	P103	C103
	6000#	S106	T106	P106	C106
1 1/2”	3000#	S153	T153	P153	C153
	6000#	S156	T156	P156	C156
2”	3000#	S203	T203	P203	C203
	6000#	S206	T206	P206	C206

Size	**Rating**	**Weld-o-lets**	**Pipe Nipples**
1/2”	SCH 40	W054	N054
	SCH 80	W058	N058
	SCH 160	W051	N051
3/4”	SCH 40	W074	N074
	SCH 80	W078	N078
	SCH 160	W071	N071
1”	SCH 40	W104	N104
	SCH 80	W108	N108
	SCH 160	W101	N101
1 1/2”	SCH 40	W154	N154
	SCH 80	W158	N158
	SCH 160	W151	N151
2”	SCH 40	W204	N204
	SCH 80	W208	N208
	SCH 160	W201	N201

Female Threaded & Socket Weld Connection Designation		
Size	**FNPT**	**FSW**
1/2“	FN05	SW05
3/4“	FN07	SW07
1“	FN10	SW10
1-1/2“	FN15	SW15
2“	FN20	SW20

		Size & Rating Designations for EN 1092 Flanges[1]	
Size	**Rating**	**Raised Face (Type B1)**	**Flat Face (Type A)**
DN65	PN16	RGC	FGC
	PN25	RGD	FGD
	PN40	RGE	FGE
	PN63	RGF	FGF
	PN100	RGG	FGG
	PN160	RGH	FGH
	PN250	RGJ	FGJ
	PN320	RGK	FGK
DN80	PN16	RHC	FHC
	PN25	RHD	FHD
	PN40	RHE	FHE
	PN63	RHF	FHF
	PN100	RHG	FHG
	PN160	RHH	FHH
	PN250	RHJ	FHJ
	PN320	RHK	FHK
DN100	PN16	RJC	FJC
	PN25	RJD	FJD
	PN40	RJE	FJE
	PN63	RJF	FJF
	PN100	RJG	FJG
	PN160	RJH	FJH
	PN250	RJJ	FJJ
	PN320	RJK	FJK
DN150	PN16	RMC	FMC
	PN25	RMD	FMD
	PN40	RME	FME
	PN63	RMF	FMF
	PN100	RMG	FMG
	PN160	RMH	FMH
	PN250	RMJ	FMJ
	PN320	RMK	FMK

Note:
1. EN1092 Weld Neck flanges are type 11, EN1092 Slip On flanges are type 12.
2. Z9 shall be specified for any sizes/ratings not listed in Table 3.

KM26S Magnetic Level Gauge
Transmitter & Switch Accessories

Magnetostrictive Level Transmitters
LMT200: Refer to DS_LMT200-EN Data Sheet for Ordering Information
AT200: Refer to DS/AT200-EN Data Sheet for Ordering Information

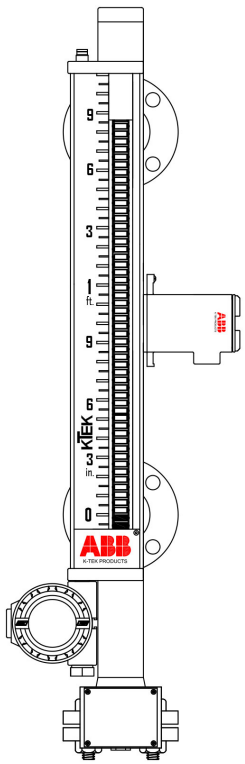
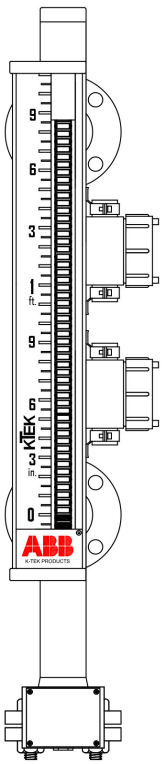
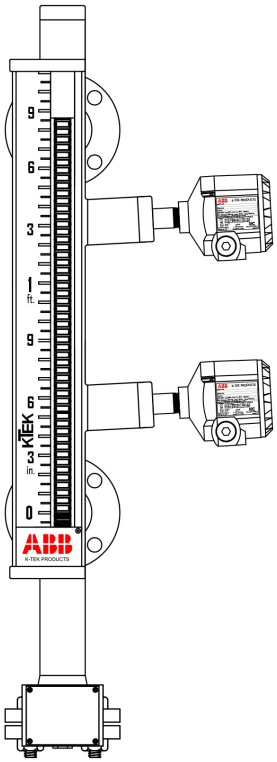
Magnetic Level Gauge Switches
LMS100: Refer to DS/LMS100-EN Data Sheet for Ordering Information
MS40: Refer to DS/MS40-EN Data Sheet for Ordering Information
MS41: Refer to DS/MS41-EN Data Sheet for Ordering Information

Vibration Level Switch
RS85: Refer to DS/RS85-EN Data Sheet for Ordering Information

Thermal Dispersion Switch
TX: Refer to DS/TX-EN Data Sheet for Ordering Information

All data sheets are available on the ABB website at www.abb.com/level.

Sample Accessories

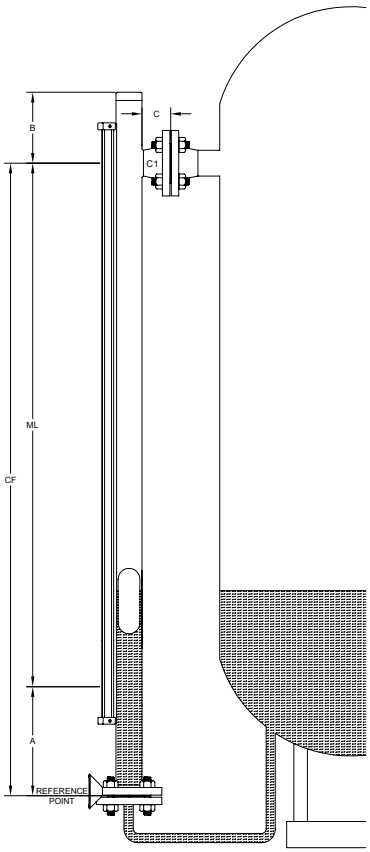
KM26 with AT200 & MS41	KM26 with 2 MS40EX's	KM26 with 1 TX & 1 RS85
		

KM26S Magnetic Level Gauge
Example Applications

Top Process (from Side) and Bottom Process (from bottom) of KM26 (Center to Face)

Sample Model #:
KM26S.SS6.SS6.
W0.FE.X.X.G.X.R21.X.X.R21.S3G.B.X-TT1

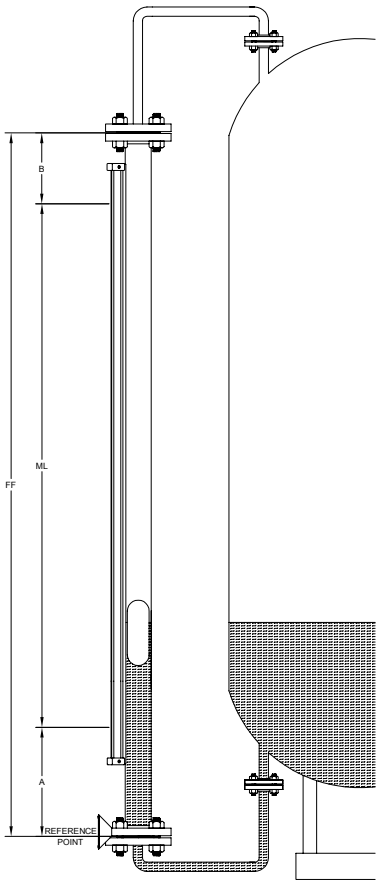
Note: The required CF and/or ML dimensions shall be specified by the customer.



Top Process and Bottom Process (from top and bottom) of KM26 (Face to Face)

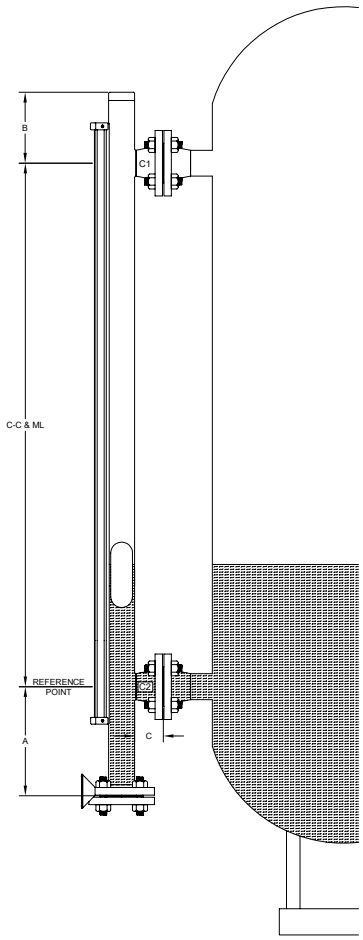
Sample Model #:
KM26S.SS6.
CST.G.X.X.X.G.R21.X.X.X.R21.S3P.C.X

Note: The required FF and/or ML dimensions (in addition to the desired A and B dimensions) shall be specified by the customer.



Top and Bottom Process Connection (from side) of KM26 (Center to Center)

Sample Model #:
KM26S.SS4.SS4.W0.FE.FE.X.B0.X.R23.
R23.X.X.S3G.D.X

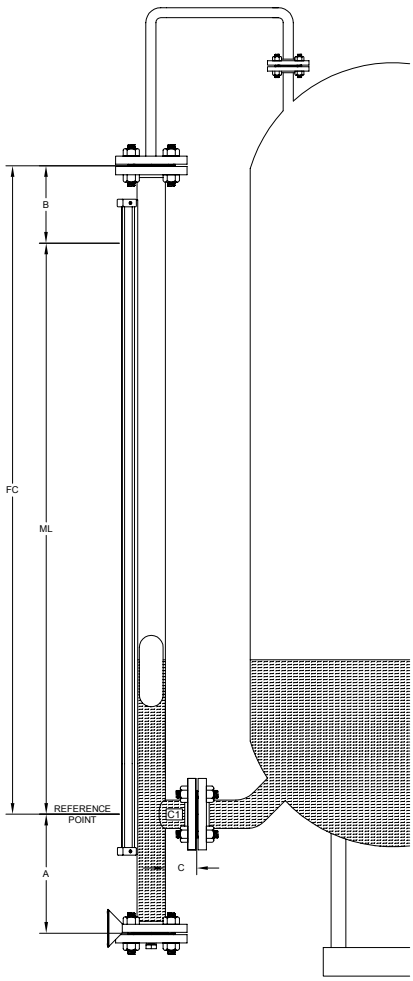


KM26S Magnetic Level Gauge
Example Applications

Top Process (from top) and Bottom Process (from bottom side) of KM26 (Face to Center)

Sample Model #:
KM26S.SS6.CST.G.G0.X.X.B2.R21.R21.X.X.P073.S3G.B.X

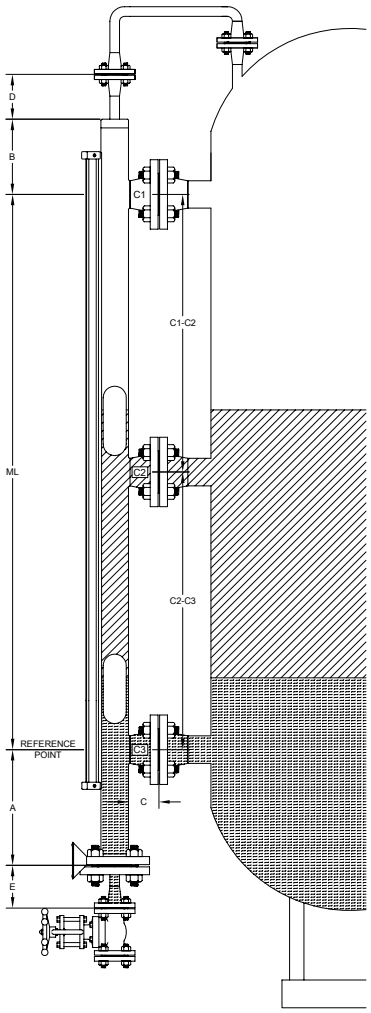
Note: The required FC and/or ML dimensions shall be specified by the customer.



Dual Level Application (Center to Center to Center)

Sample Model #:
KM26S.SS6.SS6.W9W.FE.FE.FE.B9W.R51.R21.R21.
R21.R51.M1GD.B.X-DV.Z99

Note: The distance between each side connection shall be specified by the customer.



KM26S Magnetic Level Gauge
Quotation Request - KM26S - Side Mount

Factory Contact: _____

Seller Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Main Phone: _____
Fax: _____

End User Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Main Phone: _____

Note: This information will be required before accepting an order. *All fields required

Tag ID#: _____

Process Conditions

Application for (select one): Total Level - Interface Level - Total & Interface
Upper Fluid Operating Sp. Gravity: _____
minimum Specific Gravity: _____
Lower Fluid Second Sp. Gravity: _____
Fluid(s): _____ If water, steam service? ❑ Yes ❑ No
Operating Temp: _____ max Temp: _____ min. Temp: _____
Operating Pressure: _____ max Pressure: _____
minimum Ambient Temperature: _____
High Vibration Environment (Compressor Etc.)? ❑ Yes ❑ No

Chamber & Float Details

Chamber Material: _____
Float Material: _____
Connection Material: _____
Center to Center/ Measuring Length:
Vent/Drain Type & Size:

Process Connection

Type: _____
Size: _____
Rating: _____

Indicator Details

Select: ___Shuttle or
___Bar Graph (choose color combination) Yellow/Black - Red/White
Scale (select one): Feet/In - Running In. (1/2" Div.) - Running In. (1/8") - Meter/cm - Custom _____
Special Requirements: _____

KM26S Magnetic Level Gauge
Quotation Request - KM26S - Side Mount

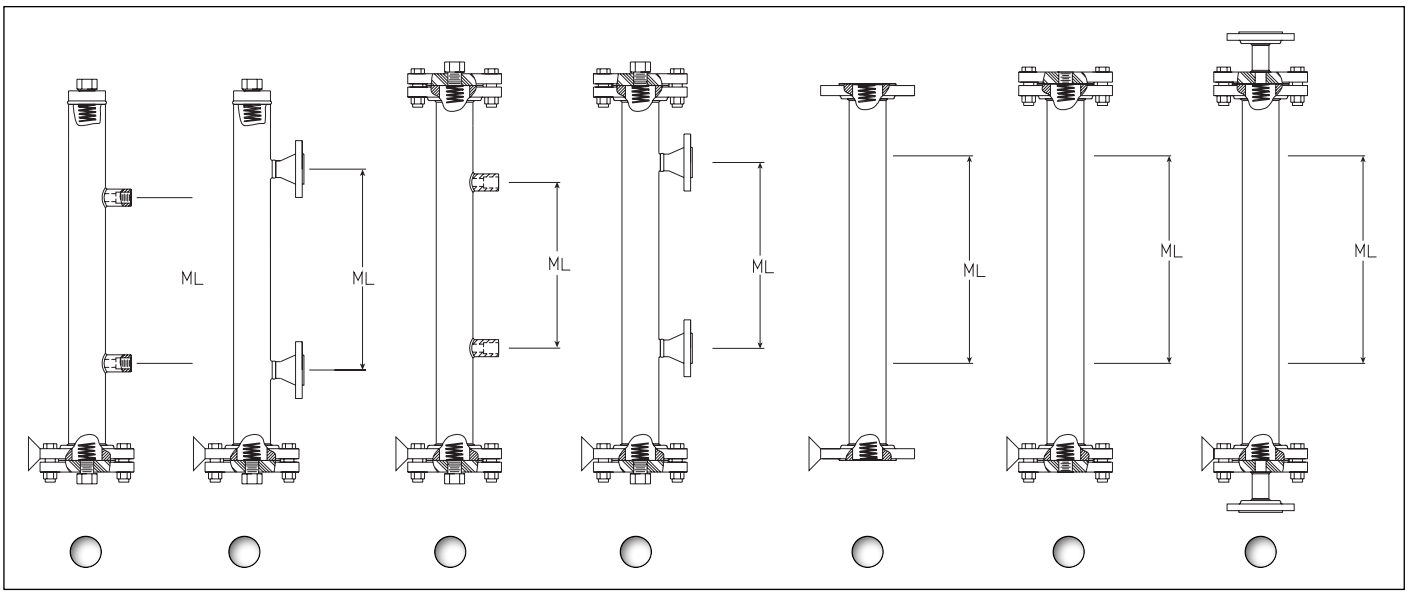
Accessories Required (choose all that apply)

__Chamber Insulation
__Electric Heat Tracing
__Steam Jacket
__Steam Tracing
__Magnetic Particle Traps
__Specialty Process Connection (specify type: _____)
__Switches (specify type: _____)
__Transmitter - LMT200 or AT200 (select: FF, Hart, LCD)

Approval or Documentation required:

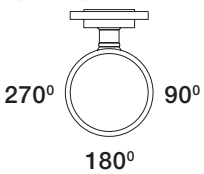
__CRN
__ASME
__PED
__Other
__NACE
__ATEX Contructional Safety
__EAC, EX

Choose the appropriate configuration below or attach a sketch



Select orientation (only 1 accessory allowed per position)

Indicator:	__90°	__180°	__270°
LMT/AT Transmitter:	__90°	__180°	__270°
Switches:	__90°	__180°	__270°



Note: Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.

Contact us

ABB Inc.
Industrial Automation
125 E. County Line Road
Warminster, PA 18974 USA
Tel:: +1 215 674 6000
Fax: +1 215 674 7183

ABB Inc.
17100 Manchac Park Lane, Suite B
Baton Rouge, LA 70817 USA
Phone: +1 225 408 0800
Service: +1 225 408 0898
Fax: +1 225 408 0899
E-mail: quotes.ktek@us.abb.com
Service e-mail: ktek-service@us.abb.com

ABB Engineering (Shanghai) Ltd.
No. 4528, KangXin Hwy.
Pudong New District
Shanghai, 201319, P.R. China
Phone: +86 10 64231407
Service: +86 21 61056421
Fax: +86 10 64371913
E-mail: norman-suijun.xia@cn.abb.com
Service e-mail: rola.li@cn.abb.com

www.abb.com/level

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