

adjustable overload protection devices



These devices are used to protect pressure gauges and pressure switches from overpressure. If, due to occasional faults, the pressure exceeds the maximum allowed value, the device automatically by-passes the gauge until the pressure value is back to normal.

5.4LB...C - MP4/9L - vertical piston overload protection device

Setting range:

230...500 *psi* (16...35 bar) - **Cod. 4LB**;

500...1450 *psi* (35...100 bar) - **Cod. 4LC**.

Resetting value: -10% of setting value.

Working temperature: -13...+212 °F (-25...+100° C).

Maximum working pressure: 3626 *psi* (250 bar).

Operating principle: vertical piston.

Body, piston and wetted parts: AISI 316L st.st. (**Cod. 5**); Monel 400 (**Cod. 6**)⁽¹⁾.

Gaskets: VITON.

Connections (process-instrument):

G 1/2 B M x G 1/2 B F;

1/2" NPT M x 1/2" NPT F.

(1) other materials upon request.

5.49A...D - MP4/9H - piston overload protection device

Setting range:

40...230 *psi* (3...16 bar) - **Cod. 49A**;

230...500 *psi* (16...35 bar) - **Cod. 49B**;

500...2300 *psi* (35...160 bar) - **Cod. 49C**;

2300...5000 *psi* (160...350 bar) - **Cod. 49D**.

Resetting value: -30% of setting value.

Working temperature: -13...+212 °F (-25...+100° C).

Maximum working pressure: 7000 *psi* (500 bar).

Operating principle: horizontal piston.

Body, piston and wetted parts: AISI 316L st.st. (**Cod. 5**)⁽¹⁾.

Gaskets: VITON.

Connections (process-instrument):

G 1/2 B M x G 1/2 B F;

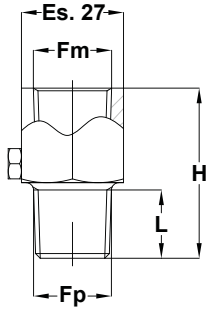
1/2" NPT M x 1/2" NPT F;

G 1/4 B M x G 1/4 B F;

1/4" NPT M x 1/4" NPT F.

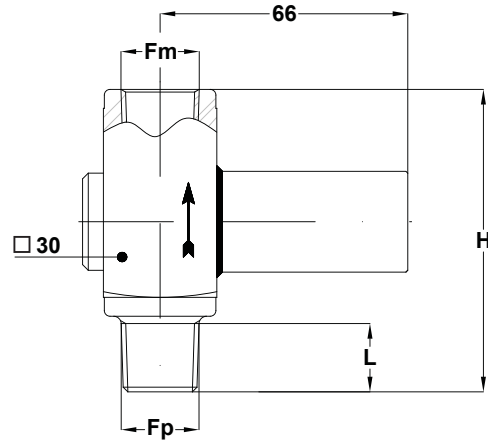
(1) other materials upon request.

MP4/9L



Weight : 0.33 lbs (0,15 kg)

MP4/9H



Weight : 1.10 lbs (0,50 kg)

dimensions : inches (mm)

Cod.	Fp-Fm	L	H
41M x 41F	G 1/2 B M x G 1/2 B F	0.78 (20)	1.77 (45)
43M x 43F	1/2" NPT M x 1/2" NPT F	0.78 (20)	1.77 (45)

Cod.	Fp-Fm	L	H
41M x 41F	G 1/2 B M x G 1/2 B F	0.78 (20)	3.14 (80)
43M x 43F	1/2" NPT M x 1/2" NPT F	0.78 (20)	3.14 (80)
21M x 21F	G 1/4 B M x G 1/4 B F	0.59 (15)	2.95 (75)
23M x 23F	1/4" NPT M x 1/4" NPT F	0.59 (15)	2.95 (75)

“HOW TO ORDER” SEQUENCE

Section / Model/ Material / Process connection / Instrument connection / Options

- 5 **4LB** 5 **21M, 41M** **21F, 41F**
- 4LC** 6 **23M, 43M** **23F, 43F**
- 49A**
- 49B**
- 49C**
- 49D**

