



- Stainless steel (1.4305 / AISI 303) body
- With changeover switch and silver contacts
- Max. voltage 250 V
- Overpressure safe up to 300/600 bar¹⁾
- Hysteresis adjustable at works

With male thread



p _{max.} in bar	Adjustment range in bar	Tolerance at room temperature	Thread	Order number:
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0186 Diaphragm pressure switch with spade terminals

300 ¹⁾	0.5 – 5	± 0.2	G 1/4	0186	457 03	X	003
	1 – 10	± 0.5		0186	458 03	X	006
	10 – 50	± 3.0		0186	459 03	X	009
	10 – 100	± 3.0 – 5.0		0186	461 03	X	012

0187 Piston pressure switch with spade terminals

600 ¹⁾	50 – 200	± 5.0	G 1/4	0187	460 03	X	003
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Diaphragm / seal material – areas of application

NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Water ²⁾ , Brake fluid, ozone, acetylene, hydrogen etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline etc.	3

Temperature ranges of diaphragm / seal materials see page 26

²⁾ Not recommended for piston pressure switches.

Order number:	018X - XXX 03 - X - XXX
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Piston pressure switches are only to a limited extent suitable for use with gases. See explanation on page 9.

- Our pressure switches are also available with factory preset switching points.
- Ready-wired versions can be found starting on page 38 following.
- We offer other body materials and connecting threads upon request.
- Other diaphragm- / seal materials are available on request, e.g. HNBR or silicone for diaphragm pressure switches.
- For further technical data see page 26/27.



Accessories see page 28

¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.