



technische import

SUCO Productinformatie

0186



SUCO Robert Scheuffele GmbH & Co. KG

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0186 / 0187

Diaphragm / piston pressure switches up to 250 V with stainless steel housing

- Stainless steel housing (1.4305 / AISI 303)
- Changeover with silver contacts
- Overpressure safety up to 300 / 600 bar¹⁾ (EPDM-W270 and silicone diaphragm up to 35 bar²⁾)
- Hysteresis adjustable at factory

p _{max.} in bar	Adjustment range in bar	Tolerance in bar at room temperature	Male thread	Order number
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0186 Diaphragm pressure switches with spade terminal

300 ¹⁾⁺²⁾	0.5 – 5	± 0.3	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 terminal

600 ¹⁾	50 – 200	± 5.0	G 1/4	0187 – 460 03 – X – 003
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Seal material – Application areas

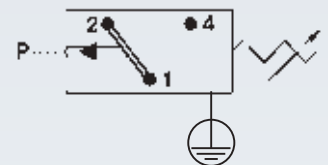
NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
EPDM-W270	Drinking water (only in diaphragm, p _{max} ≤ 35 bar)	5
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
Silicone	Water, food products, air, etc. (only in diaphragm, p _{max} ≤ 35 bar)	8
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 53 for the temperature range and application thresholds of sealing materials.

Your order number: 018X – XXX 03 – X – XXX

M.4

hex 27



¹⁾ Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.

²⁾ Overpressure safety of diaphragm pressure switch up to 300 bar. Functional reliability only up to 35 bar with diaphragm materials EPDM-W270 and silicone.





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