0168

Diaphragm pressure switches up to 42 V

- Made of zinc-plated steel (CrVI-free)
- Spade or M3 screw terminal
- Overpressure safety up to 300 bar[1)]
- With female thread with compression-type fitting to DIN EN ISO 8434-1 (former DIN 2353)





Adjustment range (Tolerance at room temperature)	Female thread	Order number NO ⟶ |:	Order number NC ⟶ :|

0168 Diaphragm pressure switches with spade terminal

0.1 - 1 (± 0.2) bar	M12x1.5 female DIN EN ISO 8434-1	0168 - 403 16 - X - 003	0168 - 404 16 - X - 004
0.5 - 3 (± 0.3) bar		0168 - 423 16 - X - 070	0168 - 424 16 - X - 070
1 - 10 (± 0.5) bar		0168 - 407 16 - X - 007	0168 - 408 16 - X - 008
10 - 20 (± 1) bar		0168 - 411 16 - X - 011	0168 - 412 16 - X - 012
20 - 50 (± 2) bar		0168 - 415 16 - X - 015	0168 - 416 16 - X - 016

0168 Diaphragm pressure switches with M3 screw terminal

0.1 - 1 (± 0.2) bar	M12x1.5 female DIN EN ISO 8434-1	0168 - 401 16 - X - 001	0168 - 402 16 - X - 002
0.5 - 3 (± 0.3) bar		0168 - 421 16 - X - 070	0168 - 422 16 - X - 070
1 - 10 (± 0.5) bar		0168 - 405 16 - X - 005	0168 - 406 16 - X - 006
10 - 20 (± 1) bar		0168 - 409 16 - X - 009	0168 - 410 16 - X - 010
20 - 50 (± 2) bar		0168 - 413 16 - X - 013	0168 - 414 16 - X - 014

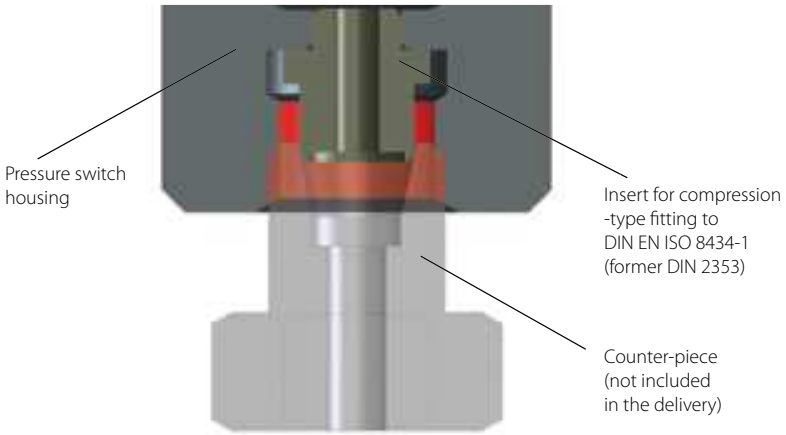
Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
FFKM	Chemical acids, diluted alkalis, ketones, ester's, alcohols	6
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 41 for the temperature range and application thresholds of sealing materials.

Your order number:	0168 – XXX 16 – X – XXX

Seal type 0168
Insert with counter-piece



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