

# 0167

## Diaphragm pressure switches up to 42 V with brass housing

- Brass housing
- M3 screw terminal
- Overpressure safety up to 35 bar<sup>1)</sup>

Adjustment range (Tolerance at room temperature)	Male thread	Article number NO →  :	Article number NC → :
---	-------------	---------------------------	--------------------------

### 0167 Diaphragm pressure switches with M3 screw terminal

0.1 - 1 (± 0.2) bar	G 1/4	0167 - 401 03 - X - 037	0167 - 402 03 - X - 038
	G 1/8	0167 - 401 28 - X - 001	0167 - 402 28 - X - 002
	R 1/8	0167 - 401 12 - X - 002	0167 - 402 12 - X - 005
	R 1/2	0167 - 401 07 - X - 003	0167 - 402 07 - X - 006
	M 10x1 con.	0167 - 401 01 - X - 001	0167 - 402 01 - X - 004
	NPT 1/8	0167 - 401 04 - X - 004	0167 - 402 04 - X - 008
0.5 - 3 (± 0.3) bar	G 1/4	0167 - 421 03 - X - 070	0167 - 422 03 - X - 070
	G 1/8	0167 - 421 28 - X - 070	0167 - 422 28 - X - 070
	R 1/8	0167 - 421 12 - X - 070	0167 - 422 12 - X - 070
	R 1/2	0167 - 421 07 - X - 070	0167 - 422 07 - X - 070
	M 10x1 con.	0167 - 421 01 - X - 070	0167 - 422 01 - X - 070
	NPT 1/8	0167 - 421 04 - X - 070	0167 - 422 04 - X - 070
1 - 10 (± 0.5) bar	G 1/4	0167 - 405 03 - X - 041	0167 - 406 03 - X - 042
	G 1/8	0167 - 405 28 - X - 005	0167 - 406 28 - X - 006
	R 1/8	0167 - 405 12 - X - 014	0167 - 406 12 - X - 017
	R 1/2	0167 - 405 07 - X - 015	0167 - 406 07 - X - 018
	M 10x1 con.	0167 - 405 01 - X - 013	0167 - 406 01 - X - 016
	NPT 1/8	0167 - 405 04 - X - 020	0167 - 406 04 - X - 024
10 - 20 (± 1.0) bar	G 1/4	0167 - 409 03 - X - 045	0167 - 410 03 - X - 046
	G 1/8	0167 - 409 28 - X - 009	0167 - 410 28 - X - 010
	R 1/8	0167 - 409 12 - X - 026	0167 - 410 12 - X - 029
	R 1/2	0167 - 409 07 - X - 027	0167 - 410 07 - X - 030
	M 10x1 con.	0167 - 409 01 - X - 025	0167 - 410 01 - X - 028
	NPT 1/8	0167 - 409 04 - X - 036	0167 - 410 04 - X - 040

### Seal material – Application areas

NBR	Hydraulic/machine oil, air, nitrogen, etc.	1
EPDM	Water, Brake fluid, hydrogen, oxygen, acetylene, etc.	2
EPDM-TW	Drinking water ( $p_{max} \leq 35$ bar)	5
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
FFKM	Hot water, chemical acids, diluted alkalis, ketones, esters, alcohols	6
Silicone	Water, food products, air, etc. ( $p_{max} \leq 35$ bar)	8

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

Article number:

0167 - XXX XX - X - XXX

M.3  
hex 24



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