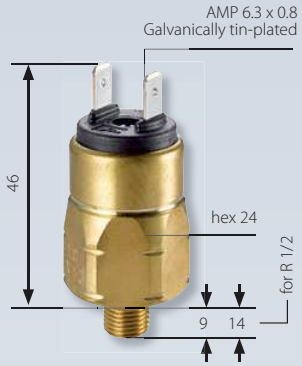
M.3
hex 24

0167

Diaphragm pressure switches up to 42 V with brass housing

- Brass housing
- Spade terminal
- Overpressure safety up to 35 bar[1)]



Adjustment range (Tolerance at room temperature)	Male thread	Order number NO —› |:	Order number NC —› :|

0167 Diaphragm pressure switches with spade terminal

0.1 - 1 (± 0.2) bar	G1/4	0167 - 403 03 - X - 039	0167 - 404 03 - X - 040
	G1/8	0167 - 403 28 - X - 003	0167 - 404 28 - X - 004
	R1/8	0167 - 403 12 - X - 008	0167 - 404 12 - X - 011
	R1/2	0167 - 403 07 - X - 009	0167 - 404 07 - X - 012
	M10x1 con.	0167 - 403 01 - X - 007	0167 - 404 01 - X - 010
	NPT1/8	0167 - 403 04 - X - 012	0167 - 404 04 - X - 016
0.5 - 3 (± 0.3) bar	G1/4	0167 - 423 03 - X - 070	0167 - 424 03 - X - 070
	G1/8	0167 - 423 28 - X - 070	0167 - 424 28 - X - 070
	R1/8	0167 - 423 12 - X - 070	0167 - 424 12 - X - 070
	R1/2	0167 - 423 07 - X - 070	0167 - 424 07 - X - 070
	M10x1 con.	0167 - 423 01 - X - 070	0167 - 424 01 - X - 070
	NPT1/8	0167 - 423 04 - X - 070	0167 - 424 04 - X - 070
1 - 10 (± 0.5) bar	G1/4	0167 - 407 03 - X - 043	0167 - 408 03 - X - 044
	G1/8	0167 - 407 28 - X - 007	0167 - 408 28 - X - 008
	R1/8	0167 - 407 12 - X - 020	0167 - 408 12 - X - 023
	R1/2	0167 - 407 07 - X - 021	0167 - 408 07 - X - 024
	M10x1 con.	0167 - 407 01 - X - 019	0167 - 408 01 - X - 022
	NPT1/8	0167 - 407 04 - X - 028	0167 - 408 04 - X - 032
10 - 20 (± 1.0) bar	G1/4	0167 - 411 03 - X - 047	0167 - 412 03 - X - 048
	G1/8	0167 - 411 28 - X - 011	0167 - 412 28 - X - 012
	R1/8	0167 - 411 12 - X - 032	0167 - 412 12 - X - 035
	R1/2	0167 - 411 07 - X - 033	0167 - 412 07 - X - 036
	M10x1 con.	0167 - 411 01 - X - 031	0167 - 412 01 - X - 034
	NPT1/8	0167 - 411 04 - X - 044	0167 - 412 04 - X - 048

Seal material – Application areas

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

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

Your order number:	0167 – XXX XX – X – XXX

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

0167

Diaphragm pressure switches up to 42 V with brass housing

- Brass housing
- M3 screw terminal
- Overpressure safety up to 35 bar[1)]

Adjustment range (Tolerance at room temperature)	Male thread	Order number NO ⟶ |:	Order number NC ⟶ :|
0167 Diaphragm pressure switches with M3 screw terminal			
0.1 - 1 (± 0.2) bar	G1/4	0167 - 401 03 - X - 037	0167 - 402 03 - X - 038
	G1/8	0167 - 401 28 - X - 001	0167 - 402 28 - X - 002
	R1/8	0167 - 401 12 - X - 002	0167 - 402 12 - X - 005
	R1/2	0167 - 401 07 - X - 003	0167 - 402 07 - X - 006
	M10x1 con.	0167 - 401 01 - X - 001	0167 - 402 01 - X - 004
	NPT1/8	0167 - 401 04 - X - 004	0167 - 402 04 - X - 008
0.5 - 3 (± 0.3) bar	G1/4	0167 - 421 03 - X - 070	0167 - 422 03 - X - 070
	G1/8	0167 - 421 28 - X - 070	0167 - 422 28 - X - 070
	R1/8	0167 - 421 12 - X - 070	0167 - 422 12 - X - 070
	R1/2	0167 - 421 07 - X - 070	0167 - 422 07 - X - 070
	M10x1 con.	0167 - 421 01 - X - 070	0167 - 422 01 - X - 070
	NPT1/8	0167 - 421 04 - X - 070	0167 - 422 04 - X - 070
1 - 10 (± 0.5) bar	G1/4	0167 - 405 03 - X - 041	0167 - 406 03 - X - 042
	G1/8	0167 - 405 28 - X - 005	0167 - 406 28 - X - 006
	R1/8	0167 - 405 12 - X - 014	0167 - 406 12 - X - 017
	R1/2	0167 - 405 07 - X - 015	0167 - 406 07 - X - 018
	M10x1 con.	0167 - 405 01 - X - 013	0167 - 406 01 - X - 016
	NPT1/8	0167 - 405 04 - X - 020	0167 - 406 04 - X - 024
10 - 20 (± 1.0) bar	G1/4	0167 - 409 03 - X - 045	0167 - 410 03 - X - 046
	G1/8	0167 - 409 28 - X - 009	0167 - 410 28 - X - 010
	R1/8	0167 - 409 12 - X - 026	0167 - 410 12 - X - 029
	R1/2	0167 - 409 07 - X - 027	0167 - 410 07 - X - 030
	M10x1 con.	0167 - 409 01 - X - 025	0167 - 410 01 - X - 028
	NPT1/8	0167 - 409 04 - X - 036	0167 - 410 04 - X - 040

Seal material – Application areas

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

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

Your order number:	0167 – XXX XX – X – XXX



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