

- Zinc-plated steel body (CrVI-free)
- With spade terminals
- Overpressure safe up to 300 bar¹⁾



Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0166 Diaphragm pressure switches with spade terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0166	403	01	X	009	0166	404	01	X	013
	M 12x1.5	0166	403	02	X	010	0166	404	02	X	014
	G 1/4	0166	403	03	X	011	0166	404	03	X	015
	NPT 1/8	0166	403	04	X	012	0166	404	04	X	016
	G 1/8	0166	403	28	X	603	0166	404	28	X	604
	M 10x1 cyl.	0166	403	13	X	003	0166	404	13	X	004
1 – 10 (± 0.5)	M 10x1 con.	0166	407	01	X	025	0166	408	01	X	029
	M 12x1.5	0166	407	02	X	026	0166	408	02	X	030
	G 1/4	0166	407	03	X	027	0166	408	03	X	031
	NPT 1/8	0166	407	04	X	028	0166	408	04	X	032
	G 1/8	0166	407	28	X	607	0166	408	28	X	608
	M 10x1 cyl.	0166	407	13	X	007	0166	408	13	X	008
10 – 20 (± 1.0)	M 10x1 con.	0166	411	01	X	041	0166	412	01	X	045
	M 12x1.5	0166	411	02	X	042	0166	412	02	X	046
	G 1/4	0166	411	03	X	043	0166	412	03	X	047
	NPT 1/8	0166	411	04	X	044	0166	412	04	X	048
	G 1/8	0166	411	28	X	611	0166	412	28	X	612
	M 10x1 cyl.	0166	411	13	X	011	0166	412	13	X	012
20 – 50 (± 2.0)	M 10x1 con.	0166	415	01	X	057	0166	416	01	X	061
	M 12x1.5	0166	415	02	X	058	0166	416	02	X	062
	G 1/4	0166	415	03	X	059	0166	416	03	X	063
	NPT 1/8	0166	415	04	X	060	0166	416	04	X	064
	G 1/8	0166	415	28	X	615	0166	416	28	X	616
	M 10x1 cyl.	0166	415	13	X	015	0166	416	13	X	016

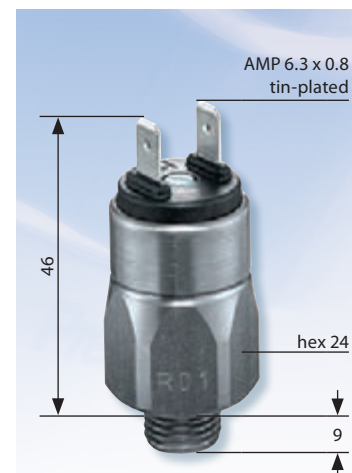
Diaphragm material – areas of application

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

See page 16 for temperature ranges of diaphragm / seal materials

Order number:	0166 – XXX XX – X – XXX
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With male thread



- Our pressure switches are also available with factory pre-set 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 materials are available on request, e.g. HNBR or silicone.



Accessories see page 17

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