

Pressure switches hex 24

Normally open or Normally closed, maximum voltage 42 V



- **Low-cost solution for mechanical pressure monitoring.**
- **Stable switching point even after long use and high load.**
- **Switching point easily adjustable¹ – also during use.**
- **High pressure resistance, compact, small switch available as normally closed (nc) or normally open (no).**
- **Ready-wired versions with the plug that you require – see page 38 following.**

Technical data

Voltage	max. 42 V
Current rating (resistive):	max. 4 Ampere
Contact rating:	100 VA
Temperature stability for diaphragm / seal materials:	NBR -40 °C – +100 °C EPDM -30 °C – +120 °C FKM -5 °C – +120 °C Silicone -40 °C – +120 °C HNBR -30 °C – +120 °C
Switching frequency:	200 / min.
Mechanical life expectancy:	10 ⁶ cycles (life expectancy of diaphragm pressure switches only for pressures up to max. 50 bar)
Pressure rise rate:	≤ 1 bar/ms
Hysteresis:	average value 5 – 30 % depending on type, not adjustable
Vibration resistance:	10 g / 5 – 200 Hz sine-wave
Shock resistance:	294 m/s ² ; 14 ms half-sine-wave
Degree of protection:	IP65 Terminals IP00
Weight in grams:	approx. 90 g

¹⁾ The pressure switches can also be factory preset. Our preset switches are sealed with lacquer paint and have the set pressure embossed on their body.

Pressure switches hex 24

With fitted rubber cap: Degree of protection IP54

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Technical data

Type:		0163	0164	0166	0167	0168	0169
Material:	Zinc-plated steel (Cr VI-free)	■		■		■	■
	Stainless steel		■				
	Brass				■		
Overpressure safe up to:	35 bar				■		
	300 bar			■		■	
	600 bar	■	■				■



Accessories



Rubber protective cap

with central cable feed
for 1.5 - 5 mm diameter cable

With fitted cap IP54

Suitable for voltages
up to 42 V

Order number:

1-1-66-621-010



Rubber protective cap

with central cable feed
for 1.5 - 5 mm diameter cable

With fitted cap IP54

Suitable for voltages
up to 42 V

Order number:

1-1-66-621-003

Degree of protection IPXX

The type approval does not apply without restriction to all environmental conditions. It is the responsibility of the user to check whether the electrical connection complies with regulations other than those stated and whether it can be used for special applications which could not be foreseen by us.

Oxygen warning!

When using oxygen, the relevant safety regulations must be observed. In addition, we recommend that a maximum operating pressure of 10 bar (50 bar series 0164) must not be exceeded.



- Zinc-plated steel body (CrVI-free)
- With M3 screw terminals
- Overpressure safe up to 600 bar¹⁾

With male thread



- Our pressure switches are also available with factory pre-set switching points.
- We offer other body materials and connecting threads upon request.
- Other diaphragm materials are available on request, e.g. HNBR or silicone.

Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0163 Diaphragm pressure switches with M3 screw terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0163	401 01	X	001	0163	402 01	X	005
	M 12x1.5	0163	401 02	X	002	0163	402 02	X	006
	G 1/4	0163	401 03	X	003	0163	402 03	X	007
	NPT 1/8	0163	401 04	X	004	0163	402 04	X	008
	G 1/8	0163	401 28	X	601	0163	402 28	X	602
	M 10x1 cyl.	0163	401 13	X	001	0163	402 13	X	002
1 – 10 (± 0.5)	M 10x1 con.	0163	405 01	X	017	0163	406 01	X	021
	M 12x1.5	0163	405 02	X	018	0163	406 02	X	022
	G 1/4	0163	405 03	X	019	0163	406 03	X	023
	NPT 1/8	0163	405 04	X	020	0163	406 04	X	024
	G 1/8	0163	405 28	X	605	0163	406 28	X	606
	M 10x1 cyl.	0163	405 13	X	005	0163	406 13	X	006
10 – 20 (± 1.0)	M 10x1 con.	0163	409 01	X	033	0163	410 01	X	037
	M 12x1.5	0163	409 02	X	034	0163	410 02	X	038
	G 1/4	0163	409 03	X	035	0163	410 03	X	039
	NPT 1/8	0163	409 04	X	036	0163	410 04	X	040
	G 1/8	0163	409 28	X	609	0163	410 28	X	610
	M 10x1 cyl.	0163	409 13	X	009	0163	410 13	X	010
20 – 50 (± 2.0)	M 10x1 con.	0163	413 01	X	049	0163	414 01	X	053
	M 12x1.5	0163	413 02	X	050	0163	414 02	X	054
	G 1/4	0163	413 03	X	051	0163	414 03	X	055
	NPT 1/8	0163	413 04	X	052	0163	414 04	X	056
	G 1/8	0163	413 28	X	613	0163	414 28	X	614
	M 10x1 cyl.	0163	413 13	X	013	0163	414 13	X	014

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:

0163 – XXX XX – X – XXX



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.

- Zinc-plated steel body (CrVI-free)
- With spade terminals
- Overpressure safe up to 600 bar¹⁾



Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0163 Diaphragm pressure switches with spade terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0163	403	01	X	009	0163	404	01	X	013
	M 12x1.5	0163	403	02	X	010	0163	404	02	X	014
	G 1/4	0163	403	03	X	011	0163	404	03	X	015
	NPT 1/8	0163	403	04	X	012	0163	404	04	X	016
	G 1/8	0163	403	28	X	603	0163	404	28	X	604
	M 10x1 cyl.	0163	403	13	X	003	0163	404	13	X	004
1 – 10 (± 0.5)	M 10x1 con.	0163	407	01	X	025	0163	408	01	X	029
	M 12x1.5	0163	407	02	X	026	0163	408	02	X	030
	G 1/4	0163	407	03	X	027	0163	408	03	X	031
	NPT 1/8	0163	407	04	X	028	0163	408	04	X	032
	G 1/8	0163	407	28	X	607	0163	408	28	X	608
	M 10x1 cyl.	0163	407	13	X	007	0163	408	13	X	008
10 – 20 (± 1.0)	M 10x1 con.	0163	411	01	X	041	0163	412	01	X	045
	M 12x1.5	0163	411	02	X	042	0163	412	02	X	046
	G 1/4	0163	411	03	X	043	0163	412	03	X	047
	NPT 1/8	0163	411	04	X	044	0163	412	04	X	048
	G 1/8	0163	411	28	X	611	0163	412	28	X	612
	M 10x1 cyl.	0163	411	13	X	011	0163	412	13	X	012
20 – 50 (± 2.0)	M 10x1 con.	0163	415	01	X	057	0163	416	01	X	061
	M 12x1.5	0163	415	02	X	058	0163	416	02	X	062
	G 1/4	0163	415	03	X	059	0163	416	03	X	063
	NPT 1/8	0163	415	04	X	060	0163	416	04	X	064
	G 1/8	0163	415	28	X	615	0163	416	28	X	616
	M 10x1 cyl.	0163	415	13	X	015	0163	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:	0163 –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.



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



- Zinc-plated steel body (CrVI-free)
- With M3 screw terminals
- Overpressure safe up to 300 bar¹⁾

With male thread



■ Our pressure switches are also available with factory pre-set switching points.

■ We offer other body materials and connecting threads upon request.

■ Other diaphragm materials are available on request, e.g. HNBR or silicone.

Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0166 Diaphragm pressure switches with M3 screw terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0166	401 01	X	001	0166	402 01	X	005
	M 12x1.5	0166	401 02	X	002	0166	402 02	X	006
	G 1/4	0166	401 03	X	003	0166	402 03	X	007
	NPT 1/8	0166	401 04	X	004	0166	402 04	X	008
	G 1/8	0166	401 28	X	601	0166	402 28	X	602
	M 10x1 cyl.	0166	401 13	X	001	0166	402 13	X	002
1 – 10 (± 0.5)	M 10x1 con.	0166	405 01	X	017	0166	406 01	X	021
	M 12x1.5	0166	405 02	X	018	0166	406 02	X	022
	G 1/4	0166	405 03	X	019	0166	406 03	X	023
	NPT 1/8	0166	405 04	X	020	0166	406 04	X	024
	G 1/8	0166	405 28	X	605	0166	406 28	X	606
	M 10x1 cyl.	0166	405 13	X	005	0166	406 13	X	006
10 – 20 (± 1.0)	M 10x1 con.	0166	409 01	X	033	0166	410 01	X	037
	M 12x1.5	0166	409 02	X	034	0166	410 02	X	038
	G 1/4	0166	409 03	X	035	0166	410 03	X	039
	NPT 1/8	0166	409 04	X	036	0166	410 04	X	040
	G 1/8	0166	409 28	X	609	0166	410 28	X	610
	M 10x1 cyl.	0166	409 13	X	009	0166	410 13	X	010
20 – 50 (± 2.0)	M 10x1 con.	0166	413 01	X	049	0166	414 01	X	053
	M 12x1.5	0166	413 02	X	050	0166	414 02	X	054
	G 1/4	0166	413 03	X	051	0166	414 03	X	055
	NPT 1/8	0166	413 04	X	052	0166	414 04	X	056
	G 1/8	0166	413 28	X	613	0166	414 28	X	614
	M 10x1 cyl.	0166	413 13	X	013	0166	414 13	X	014

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



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.

- 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

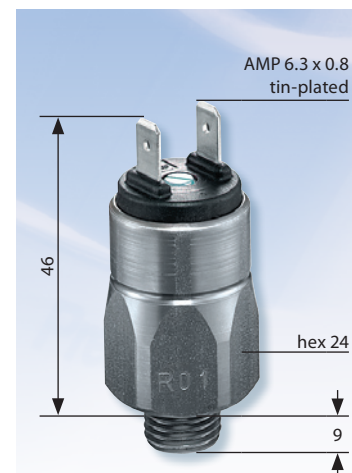
Diaphragm material – areas of application

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.

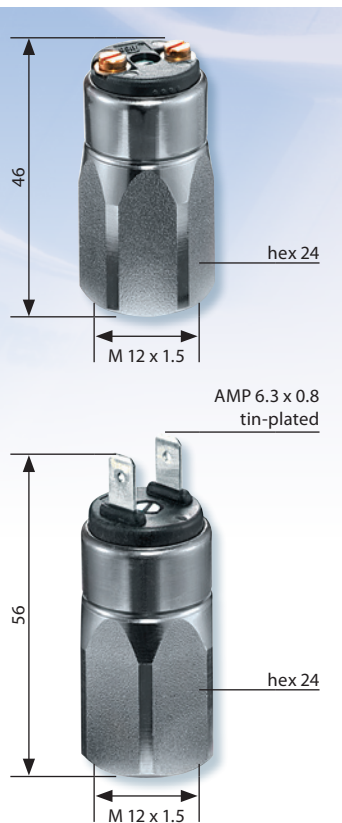


Accessories see page 17

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



With female 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

- Zinc-plated steel body (CrVI-free)
- With M3 screw terminals or spade terminals
- Overpressure safe up to 300 bar¹⁾
- With female thread for compression fittings acc. to DIN 2353

Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0168 Diaphragm pressure switches with M3 screw terminals

0.1 – 1 (± 0.2)	M 12x1.5 female	0168	401 16	X	001	0168	402 16	X	002
1 – 10 (± 0.5)		0168	405 16	X	005	0168	406 16	X	006
10 – 20 (± 1.0)		0168	409 16	X	009	0168	410 16	X	010
20 – 50 (± 2.0)		0168	413 16	X	013	0168	414 16	X	014

0168 Diaphragm pressure switches with spade terminals

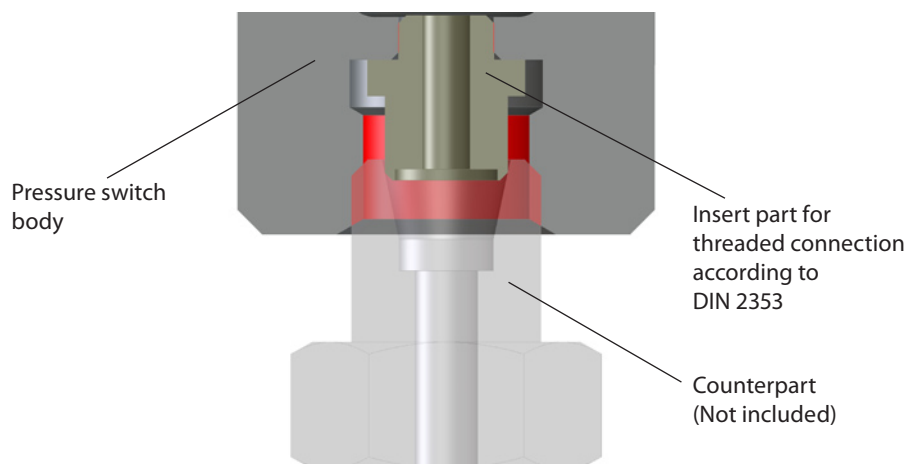
0.1 – 1 (± 0.2)	M 12x1.5 female	0168	403 16	X	003	0168	404 16	X	004
1 – 10 (± 0.5)		0168	407 16	X	007	0168	408 16	X	008
10 – 20 (± 1.0)		0168	411 16	X	011	0168	412 16	X	012
20 – 50 (± 2.0)		0168	415 16	X	015	0168	416 16	X	016

Diaphragm material – areas of application

NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Water, 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:	0168 – XXX 16 – X – XXX
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Sealing gasket type 0168
Body insertion with counterpart fitting

¹⁾ Static value. Dynamic value is 30-50% lower. The values refer to the hydraulic or pneumatic part of the pressure switch.

- Zinc-plated steel body (CrVI-free)
- With M3 screw terminals or spade terminals
- Overpressure safe up to 600 bar¹⁾



Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0169 Piston pressure switches with M3 screw terminals

50 – 150 (± 5.0)	M 10x1 con.	0169	417	01	X	001	0169	418	01	X	005
	M 12x1.5	0169	417	02	X	002	0169	418	02	X	006
	G 1/4	0169	417	03	X	003	0169	418	03	X	007
	NPT 1/8	0169	417	04	X	004	0169	418	04	X	008
	G 1/8	0169	417	28	X	601	0169	418	28	X	602
	M 10x1 cyl.	0169	417	13	X	001	0169	418	13	X	002

0169 Piston pressure switches with spade terminals

50 – 150 (± 5.0)	M 10x1 con.	0169	419	01	X	009	0169	420	01	X	013
	M 12x1.5	0169	419	02	X	010	0169	420	02	X	014
	G 1/4	0169	419	03	X	011	0169	420	03	X	015
	NPT 1/8	0169	419	04	X	012	0169	420	04	X	016
	G 1/8	0169	419	28	X	603	0169	420	28	X	604
	M 10x1 cyl.	0169	419	13	X	003	0169	420	13	X	004

Seal material – areas of application

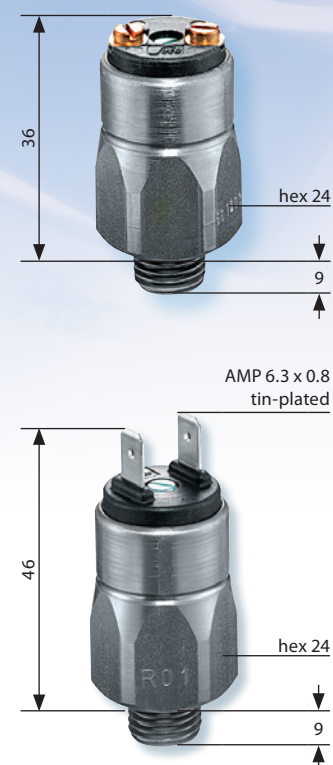
NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Brake fluid, ozone, acetylene etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline etc.	3

See page 16 for temperature ranges of diaphragm / seal materials

Order number:	0169 – XXX XX – X – XXX
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Piston pressure switches are only to a limited extent suitable for use with gases.
See explanation on page 9.

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.



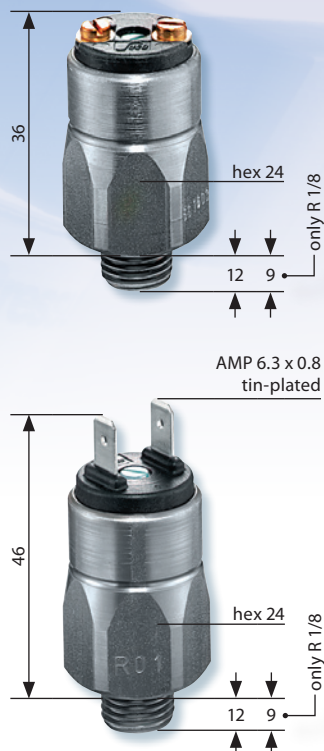
Accessories see page 17

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



- Body made of stainless steel (1.4305 / AISI 303)
- With M3 screw or spade terminals
- Overpressure safe up to 600 bar¹⁾

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

Setting range in bar (tolerance in bar at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0164 Diaphragm pressure switches with screw terminals

0.1 – 1 (± 0.2)	R1/8	0164	401	12	X	001	0164	402	12	X	002
	G1/4-E	0164	401	41	X	001	0164	402	41	X	002
	R1/4	0164	401	46	X	001	0164	402	46	X	002
1 – 10 (± 0.5)	R1/8	0164	405	12	X	005	0164	406	12	X	006
	G1/4-E	0164	405	41	X	005	0164	406	41	X	006
	R1/4	0164	405	46	X	005	0164	406	46	X	006
10 – 20 (± 1.0)	R1/8	0164	409	12	X	009	0164	410	12	X	010
	G1/4-E	0164	409	41	X	009	0164	410	41	X	010
	R1/4	0164	409	46	X	009	0164	410	46	X	010
20 – 50 (± 2.0)	R1/8	0164	413	12	X	013	0164	414	12	X	014
	G1/4-E	0164	413	41	X	013	0164	414	41	X	014
	R1/4	0164	413	46	X	013	0164	414	46	X	014

0164 Diaphragm pressure switches with spade terminals

0.1 – 1 (± 0.2)	R1/8	0164	403	12	X	003	0164	404	12	X	004
	G1/4-E	0164	403	41	X	003	0164	404	41	X	004
	R1/4	0164	403	46	X	003	0164	404	46	X	004
1 – 10 (± 0.5)	R1/8	0164	407	12	X	007	0164	408	12	X	008
	G1/4-E	0164	407	41	X	007	0164	408	41	X	008
	R1/4	0164	407	46	X	007	0164	408	46	X	008
10 – 20 (± 1.0)	R1/8	0164	411	12	X	011	0164	412	12	X	012
	G1/4-E	0164	411	41	X	011	0164	412	41	X	012
	R1/4	0164	411	46	X	011	0164	412	46	X	012
20 – 50 (± 2.0)	R1/8	0164	415	12	X	015	0164	416	12	X	016
	G1/4-E	0164	415	41	X	015	0164	416	41	X	016
	R1/4	0164	415	46	X	015	0164	416	46	X	016

Diaphragm material – areas of application

NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Water, 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:	0164 - XXX XX - X - XXX
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¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.

- Brass body
- With M3 screw terminals or spade terminals
- Overpressure safe up to 35 bar¹⁾



Adjustment range in bar (tolerance at room temperature)	Thread	Normally open (no) → :	Normally closed (nc) → :
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0167 Diaphragm pressure switches with M3 screw terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0167	401	01	X	001	0167	402	01	X	004
	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
	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
1 – 10 (± 0.5)	M 10x1 con.	0167	405	01	X	013	0167	406	01	X	016
	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
	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
10 – 20 (± 1.0)	M 10x1 con.	0167	409	01	X	025	0167	410	01	X	028
	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
	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

0167 Diaphragm pressure switches with spade terminals

0.1 – 1 (± 0.2)	M 10x1 con.	0167	403	01	X	007	0167	404	01	X	010
	R 1/8	0167	403	12	X	008	0167	404	12	X	011
	R 1/2	0167	403	07	X	009	0167	404	07	X	012
	G 1/4	0167	403	03	X	039	0167	404	03	X	040
	G 1/8	0167	403	28	X	003	0167	404	28	X	004
1 – 10 (± 0.5)	M 10x1 con.	0167	407	01	X	019	0167	408	01	X	022
	R 1/8	0167	407	12	X	020	0167	408	12	X	023
	R 1/2	0167	407	07	X	021	0167	408	07	X	024
	G 1/4	0167	407	03	X	043	0167	408	03	X	044
	G 1/8	0167	407	28	X	007	0167	408	28	X	008
10 – 20 (± 1.0)	M 10x1 con.	0167	411	01	X	031	0167	412	01	X	034
	R 1/8	0167	411	12	X	032	0167	412	12	X	035
	R 1/2	0167	411	07	X	033	0167	412	07	X	036
	G 1/4	0167	411	03	X	047	0167	412	03	X	048
	G 1/8	0167	411	28	X	011	0167	412	28	X	012

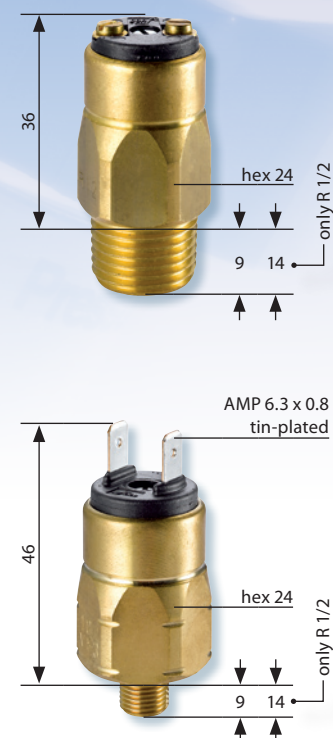
Diaphragm material – areas of application

NBR	Hydraulic / machine oil, heating oil, air, nitrogen etc.	1
EPDM	Water, 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:	0167 – 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.