

## Pressure Switch for neutral gases and liquids



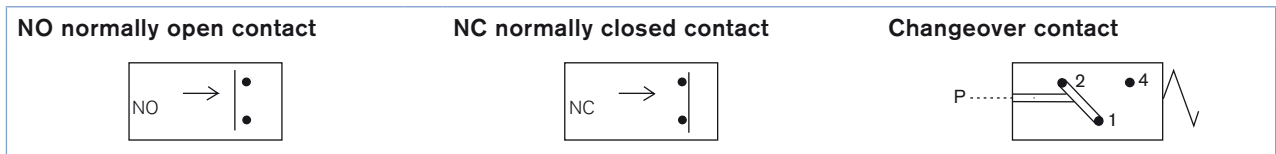
- For neutral gases and liquids
- Models normally open contact, normally closed contact or changeover contact
- Switching point can be adjusted with grub screw

The pressure switch is used to convert adjustable pneumatic signals into electrical signals.

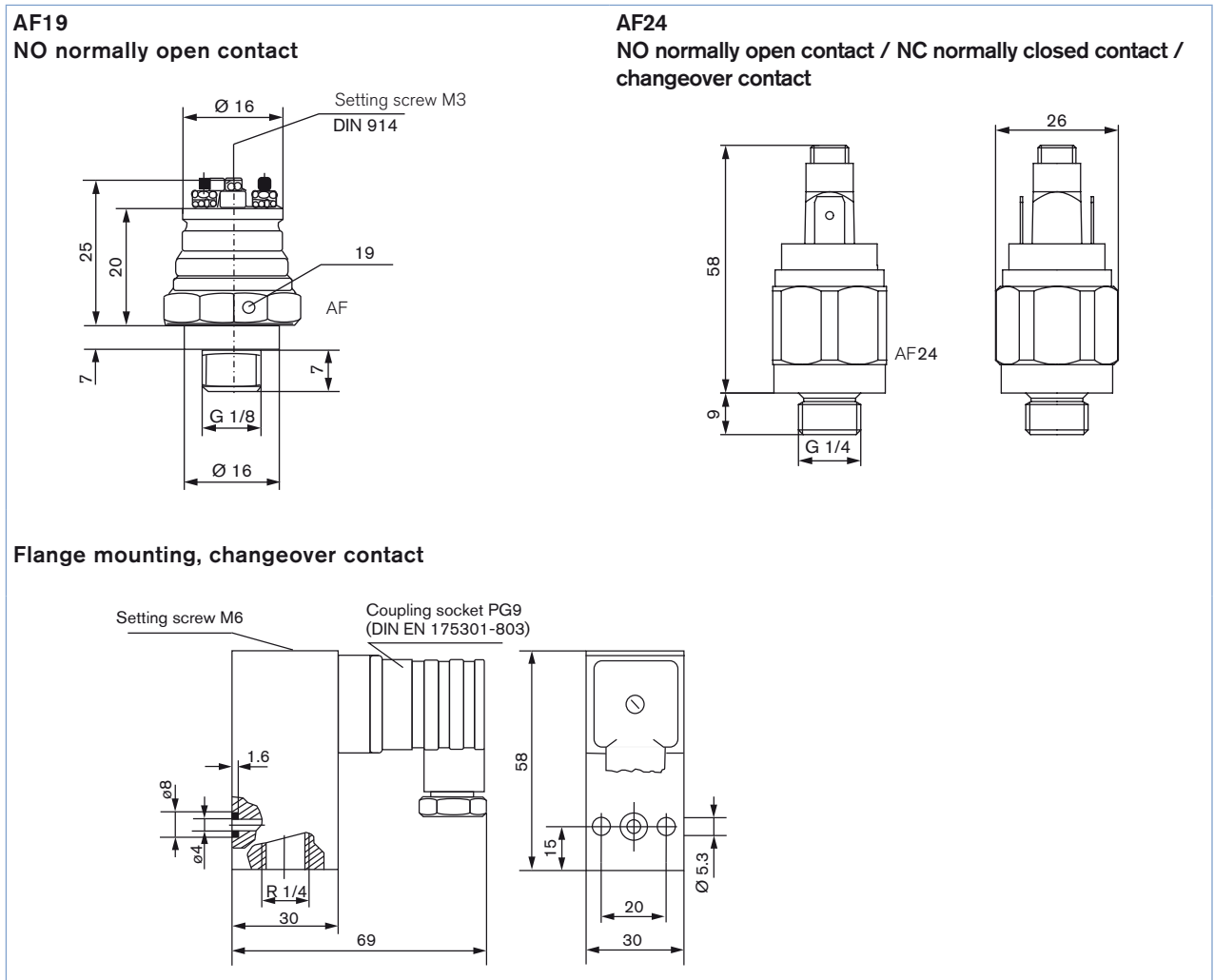
Technical data - NO normally open contact, AF19				
Material	Brass			
Switching function	Normally open contact			
Setting range	1 - 10 bar			
Bursting pressure	20 bar			
Medium	Air			
Medium temperature	- 25 to + 85 °C			
Diaphragm	NBR, other on request			
Switch-back difference	10 to 15 %			
Switching frequency	max. 200/min.			
Mechanical life	10 <sup>6</sup>			
Reference voltage	max. 42 V			
Maximum load	max. 2 A			
Protection class	IP00 (IP20, with protection cap)			
Technical data - NO normally open contact / NC normally closed contact / changeover contact, AF24				
Material	Galvanised steel, stainless steel, brass			
Switching function	Normally open contact, normally closed contact or changeover contact			
Setting range	0.5 ... 2 bar	1 ... 10 bar	10 ... 70 bar	50 ... 200 bar
Bursting pressure	10 bar	20 bar	120 bar	300 bar
Design	Spring-loaded diaphragm		Spring-loaded piston	
Diaphragm <sup>1)</sup> or seal <sup>2)</sup>	NBR <sup>1)</sup>		UR <sup>2)</sup>	
Medium	Air, hydraulic oil, oil emulsion, water			
Medium temperature	- 25 to + 85 °C			
Switch-back difference	15 to 25 %			
Switching frequency	max. 200/min.			
Mechanical life	10 <sup>6</sup>			
Reference voltage	max. 42 V			
Maximum load	max. 2 A			
Protection class	IP00 (IP20, with protection cap)			

Technical data - Changeover contact, flange mounting				
Material	Galvanised steel, stainless steel, brass			
Switching function	Changeover contact			
Setting range	0.3 - 2 bar	1 - 10 bar	1 - 70 bar	50 - 200 bar
Bursting pressure	20 bar	20 bar	250 bar	300 bar
Design	Spring-loaded diaphragm		Spring-loaded piston	
Diaphragm <sup>1)</sup> or seal <sup>2)</sup>	NBR <sup>1)</sup>		UR <sup>2)</sup>	
Medium	Air, hydraulic oil, oil emulsion, water			
Medium temperature	- 25 to + 85 °C			
Switch-back difference	15 to 25 %			
Switching frequency	max. 200/min.			
Mechanical life	10 <sup>6</sup>			
Reference voltage	max. 150 V			
Protection class	IP65 cable plug type 250			

Function



Dimensions [mm]



## Ordering chart pressure switch

Size	Version	Setting range	Article no.
AF19	NO - normally open contact	1 ... 10 bar	780494
AF24	NO - normally open contact	0.5 ... 2 bar	772503
		1 ... 10 bar	780496
		10 ... 70 bar	787283
		50 ... 200 bar	787284
	NC - normally closed contact	0.5 ... 2 bar	772500
		1 ... 10 bar	780495
		10 ... 70 bar	787286
		50 ... 200 bar	787287
	Changeover contact	0.5 ... 2 bar	772506
		1 ... 10 bar	772515
		10 ... 70 bar	772524
		50 ... 200 bar	772536
Flange mounting	Changeover contact	0.3 ... 2 bar	784230
		1 ... 10 bar	780499
		10 ... 70 bar	787289
		50 ... 200 bar	787290

Others versions on request

## Ordering chart accessories for pressure switch

Version	Article no.
Protection cap for AF19 switch	780498
Protection cap for AF24 switch	780497
Cable plug Type 2508 for flange mounting switch	008526

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