

Electronic pressure switch with display

03/2017

Applications

- Machine tools
- Hydraulics and pneumatics
- Pumps and compressors
- Machine building

Special features

- Easily-readable, robust display
- Intuitive and fast setup
- Easy and flexible mounting configurations
- Configuration with IO-Link interface (optional)



Order numbers

Process connection		G 1/4 A DIN 3852-E	
Sealing		NBR	
Power supply		DC 15 ... 35 V	
Output signal		two switching outputs (PNP)	two switching outputs (PNP) + 4 ... 20 mA
Electrical connection		circular connector M12 x 1 (4-pin)	circular connector M12 x 1 (5-pin)
Pressure ranges	-1 ... 0 bar	13272994	14001048
	0... 1 bar	13233343	13350111
	0 ... 2.5 bar	13233351	14057986
	0 ... 4 bar	13233360	14057987
	0 ... 6 bar	13233386	45656851
	0 ... 10 bar	13233394	45421919
	0 ... 16 bar	13233408	13443705
	0 ... 25 bar	13233416	14057989
	0 ... 40 bar	13233432	14057992
	0 ... 60 bar	13226134	14057994
	0 ... 100 bar	13233548	45699957
	0 ... 160 bar	13233556	45699792
	0 ... 250 bar	13233564	45553173
	0 ... 400 bar	13233572	14057995
0 ... 600 bar	13233581	14057996	

Legend: available from stock in Germany    available after production    -- not available

Accessories



Instrument mounting bracket for PSD-30, aluminium, wall mounting

11467887

Further information see  
data sheet PE 81.67

Quick order code (you can find further possible variants in data sheet PE 81.67)

Field no.	Code	Version		
<b>Version</b>				
	<b>0</b>	Standard process connection		
	<b>1</b>	G ½ B with flush diaphragm (please choose process connection 86)		
<b>Output signal/switching output</b>				
②	<b>M</b>	2 PNP	<b>1</b>	2 PNP (with IO-Link)
	<b>O</b>	PNP + 4 ... 20 mA	<b>3</b>	PNP (with IO-Link) + 4 ... 20 mA
	<b>P</b>	PNP + 0 ... 10 V	<b>4</b>	PNP (with IO-Link) + 0 ... 10 V
	<b>Q</b>	2 PNP + 4 ... 20 mA	<b>5</b>	2 PNP (with IO-Link) + 4 ... 20 mA
	<b>R</b>	2 PNP + 0 ... 10 V	<b>6</b>	2 PNP (with IO-Link) + 0 ... 10 V
<b>Measuring range</b>				
③	<b>BG260</b>	0 ... 0.6 bar		
	<b>BG310</b>	0 ... 1 bar		
	<b>BG316</b>	0 ... 1.6 bar		
	<b>BG325</b>	0 ... 2.5 bar		
	<b>BG340</b>	0 ... 4 bar		
	<b>BG360</b>	0 ... 6 bar		
	<b>BG410</b>	0 ... 10 bar		
	<b>BG416</b>	0 ... 16 bar		
	<b>BG425</b>	0 ... 25 bar		
	<b>BG440</b>	0 ... 40 bar		
	<b>BG460</b>	0 ... 60 bar		
	<b>BG510</b>	0 ... 100 bar		
	<b>BG516</b>	0 ... 160 bar		
	<b>BG525</b>	0 ... 250 bar		
	<b>BG540</b>	0 ... 400 bar		
	<b>BG560</b>	0 ... 600 bar		
	<b>BV310</b>	-1 ... 0 bar		
	<b>BV316</b>	-1 ... +0.6 bar		
	<b>BV325</b>	-1 ... +1.5 bar		
	<b>BV340</b>	-1 ... +3 bar		
<b>BV360</b>	-1 ... +5 bar			
<b>BV410</b>	-1 ... +9 bar			
<b>BV416</b>	-1 ... +15 bar			
<b>BV425</b>	-1 ... +24 bar			
<b>Process connection</b>				
④	<b>86</b>	G ½ B flush diaphragm		
	<b>GD</b>	G ½ B EN 837		
	<b>GT</b>	G ½ A DIN 3852-E		
	<b>GB</b>	G ¼ B EN 837		
	<b>HD</b>	G ¼ A DIN 3852-E		
	<b>TB</b>	G ¼ female		
	<b>JS</b>	G ¼ female (Ermeto compatible)		
	<b>ND</b>	½ NPT		
	<b>NB</b>	¼ NPT		
<b>Sealing</b>				
⑤	<b>1</b>	NBR		
	<b>L</b>	FPM/FKM		
	<b>C</b>	Copper		
	<b>S</b>	Stainless steel		
	<b>Z</b>	without		
<b>Connector</b>				
⑥	<b>M4</b>	Circular connector M12 x 1, 4-pin	<b>M5</b>	Circular connector M12 x 1, 5-pin

Order code: PSD-3 <sup>①</sup> - <sup>②</sup> - <sup>③</sup> - <sup>④</sup> <sup>⑤</sup> Z- <sup>⑥</sup> -WW-ZZ

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