

Electronic pressure switch with display

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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
Process 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
Version		
①	0	Standard process connection
	1	G ½ B with flush diaphragm (please choose process connection 86)
Output signal/switching output		
②	M	2 PNP
	O	PNP + 4 ... 20 mA
	P	PNP + 0 ... 10 V
	Q	2 PNP + 4 ... 20 mA
	R	2 PNP + 0 ... 10 V
Measuring range		
③	BG260	0 ... 0.6 bar
	BG310	0 ... 1 bar
	BG316	0 ... 1.6 bar
	BG325	0 ... 2.5 bar
	BG340	0 ... 4 bar
	BG360	0 ... 6 bar
	BG410	0 ... 10 bar
	BG416	0 ... 16 bar
	BG425	0 ... 25 bar
	BG440	0 ... 40 bar
	BG460	0 ... 60 bar
	BG510	0 ... 100 bar
	BG516	0 ... 160 bar
	BG525	0 ... 250 bar
	BG540	0 ... 400 bar
	BG560	0 ... 600 bar
	BV310	-1 ... 0 bar
	BV316	-1 ... +0.6 bar
	BV325	-1 ... +1.5 bar
	BV340	-1 ... +3 bar
	BV360	-1 ... +5 bar
	BV410	-1 ... +9 bar
	BV416	-1 ... +15 bar
	BV425	-1 ... +24 bar
Process connection		
④	86	G ½ B flush diaphragm
	GD	G ½ B EN 837
	GT	G ½ A DIN 3852-E
	GB	G ¼ B EN 837
	HD	G ¼ A DIN 3852-E
	TB	G ¼ female
	JS	G ¼ female (Ermeto compatible)
	ND	½ NPT
	NB	¼ NPT
Sealing		
⑤	1	NBR
	L	FPM/FKM
	C	Copper
	S	Stainless steel
Connector		
⑥	M4	Circular connector M12 x 1, 4-pin
	M5	Circular connector M12 x 1, 5-pin

Order code: PSD-3 - - - Z- -WW-ZZ

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