

Electronic pressure switch with display

03/2018

Applications

- Machine tools
- Hydraulics and pneumatics
- Pumps and compressors
- Special-purpose machine building

Special features

- Easily-readable, robust display
- Intuitive and fast setup
- Easy and flexible mounting configurations
- Flexible configurable and scalable output signals



Order numbers

Process connection		G 1/4 A DIN EN ISO 1179-2 (formerly DIN 3852-E)	
Sealing		NBR	
Power supply		DC 15 ... 35 V	
Output signal		two switching outputs (PNP/NPN)	two switching outputs (PNP/NPN) + 4 ... 20 mA
Electrical connection		circular connector M12 x 1 (4-pin)	circular connector M12 x 1 (5-pin)
Pressure ranges	-1 ... 0 bar	14240381	14240469
	-1 ... +1.5 bar	14240394	14240449
	-1 ... +3 bar	14240400	14240463
	-1 ... +9 bar	14240402	14240467
	0 ... 1 bar	14217011	14240471
	0 ... 2.5 bar	14240409	14240472
	0 ... 4 bar	14240414	14240474
	0 ... 6 bar	14240416	14240476
	0 ... 10 bar	14240418	14240481
	0 ... 16 bar	14240422	14240486
	0 ... 25 bar	14240424	14240488
	0 ... 40 bar	14240427	14240490
	0 ... 60 bar	14240428	14240492
	0 ... 100 bar	14240430	14240493
	0 ... 160 bar	14240434	14240494
	0 ... 250 bar	14240436	14240495
0 ... 400 bar	14240440	14240496	
0 ... 600 bar	14241998	14242000	

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

Accessories



Instrument mounting bracket for PSD-4, aluminium, wall mounting

11467887

Further information see data sheet PE 81.86

Quick order code (you can find further possible variants in data sheet PE 81.86)

Field no.	Code	Version	
Output signal/switching output			
①	9	2 switching outputs (PNP/NPN)	
	A	1 switching output (PNP/NPN) + 4 ... 20 mA	
	B	1 switching output (PNP/NPN) + 0 ... 10 V	
	C	2 switching outputs (PNP/NPN) + 4 ... 20 mA	
②	D	2 switching outputs (PNP/NPN) + 0 ... 10 V	
	E	1 switching output (PNP/NPN) + 4 ... 20 mA / 0 ... 10 V	
	F	2 switching outputs (PNP/NPN) + 4 ... 20 mA / 0 ... 10 V	
IO-Link			
②	Z	without	
	1	IO-Link 1.1	
Measuring range			
③	BG240	0 ... 0.4 bar	
	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	
	BG610	0 ... 1,000 bar	
	③	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		GD	G ½ B EN 837
		GT	G ½ A DIN EN ISO 1179-2 (formerly DIN 3852-E)
		GB	G ¼ B EN 837
		HD	G ¼ A DIN EN ISO 1179-2 (formerly DIN 3852-E)
		TB	G ¼ female
		JS	G ¼ female (Ermeto compatible)
		ND	½ NPT
		NB	¼ NPT
		RE	R ¼ ISO 7
		PE	PT ¼
	86	G ½ B flush diaphragm	
Sealing			
⑤	1	NBR	
	L	FPM/FKM	
	C	Copper	
	S	Stainless steel	
	Z	without	

Order code: PSD-4 - - - Z-WW-ZZ