

Pressure transmitter for highest pressure applications up to 15,000 bar

12/2013

Applications

- Test bench construction
- Water jet cutting
- High pressure pasteurisation
- High pressure cleaning

Specifications

- Measuring ranges: 0 ... 1,600 to 0 ... 15,000 bar
- Accuracy: 0.5 % or 0.25 %
- Output signals: 4 ... 20 mA, DC 0 ... 5 V, DC 0 ... 10 V and USB 2.0
- Electrical connection: Angular connector DIN 175301-803 A, circular connector M12 x 1, USB connector and cable outlet
- Process connection: M16 x 1.5 female, M20 x 1.5 female, 9/16-18 UNF female



Order numbers

Material	Stainless steel case			
Power supply	DC 10 ... 30 V			
Accuracy	0.5 % of span			
Medium temperature	0 ... 80 °C			
Electrical connection	Angular connector DIN EN 175301-803 A		Circular connector M12 x 1	
Output signal	4 ... 20 mA, 2-wire		DC 0 ... 10 V, 3-wire	
Process connection	M16 x 1.5 female, with sealing cone	M20 x 1.5 female, with sealing cone	9/16-18 UNF female	
Measuring ranges	0 ... 1,600 bar	13010646	13249020	
	0 ... 2,500 bar	13131265	13249054	
	0 ... 4,000 bar	12975541	13249062	
	0 ... 5,000 bar	13160273	13249071	
	0 ... 6,000 bar	13216121	13249097	
	0 ... 7,000 bar	13212362	13249101	
	0 ... 8,000 bar	--	13250434	-
	0 ... 10,000 bar	--	13198727	-

Legend: available from stock in Germany available after production

Quick order code (you can find further possible variants in data sheet PE 81.53)

Field no.	Code	Version
Type		
①	S	Standard
	D	with DIPS - Diaphragm Impact Protection System (protects from cavitation and micro-diesel effects for use with water as a medium)
	3	with EPC - Exchangable Process Connection (when hairline cracks can occur)
Accuracy		
②	G	0.5 % of span
	K	0.25 % of span
Measuring range		
③	BG616	0 ... 1,600 bar
	BG625	0 ... 2,500 bar
	BG640	0 ... 4,000 bar
	BG650	0 ... 5,000 bar
	BG660	0 ... 6,000 bar
	BG670	0 ... 7,000 bar
	BG680	0 ... 8,000 bar
	BG710	0 ... 10,000 bar
	BG712	0 ... 12,000 bar
	BG715	0 ... 15,000 bar
Process connection		
④	ML	M16 x 1.5 female, with sealing cone
	MP	M20 x 1.5 female, with sealing cone
	VZ	9/16-18 UNF female
Output signal		
⑤	A	4 ... 20 mA, 2-wire
	F	0 ... 10 V, 3-wire
	G	0 ... 5 V, 3-wire
	2	USB 2.0
Electrical connection		
⑥	A4Z	DIN 175301-803 A
	M4Z	Circular connector M12 x 1, 4-pin
	U2B	USB connector type A with 2 m cable
	DLC	Cable outlet, 1.5 m

Order code: HP-2 - ^① - ^② - ^③ - ^④ - ^⑤ - ^⑥ Z - ZZ