

Hydrostatic level measurement

Recommended combinations of pressure transmitter model S-10

10/2013

Applications

- Storage tanks and vessels
- Reservoirs and tank farms
- Process and buffer tanks
- Road tankers and mobile vessels

Special features

- Measuring ranges from 0 ... 0.1 to 0 ... 0.6 bar
- Non-linearity 0.2 % of span (BFSL)
- Numerous product configurations possible
- Medium temperature up to 125 °C
- Zero point and span adjustable via internal potentiometer



Order numbers

Accuracy	0.5 % of span		
Electrical connection	Angular connector DIN 175301-803 A		
Medium temperature	-30 ... +100 °C		
Power supply	DC 10 (14) ... 30 V		
Wetted parts	Stainless steel		
Process connection	G 1/2 B	G 1/2 B	G 1/4 A DIN 3852-E
Output signal	4 ... 20 mA, 2-wire	0 ... 10 V, 3-wire	4 ... 20 mA, 2-wire
Measuring ranges	0 ... 0.1 bar	9083499	12298698
	0 ... 0.16 bar	9083502	12298701
	0 ... 0.25 bar	9021329	12298710
	0 ... 0.4 bar	9013474	12298736
	0 ... 0.6 bar	9013482	12298752

Legend: available from stock in Germany available after production

Quick order code (you can find further possible variants in data sheet PE 81.01)

Field no.	Code	Version
Output signal		
①	A	4 ... 20 mA
	F	0 ... 10 V
	G	0 ... 5 V
Measuring range		
②	BAL	0 ... 0.1 bar
	BAM	0 ... 0.16 bar
	BAN	0 ... 0.25 bar
	BBB	0 ... 0.4 bar
	BBC	0 ... 0.6 bar
Process connection		
③	GD	G 1/2 B
	GB	G 1/4 B
	HD	G 1/4 A per DIN 3852-E
	ND	1/2 NPT
	NB	1/4 NPT
	MI	M20 x 1.5
	RE	R 1/4 ISO7 (DIN2999)
Accuracy		
④	G	0.5 % of span
	K	0.25 % of span
Electrical connection		
⑤	A4	DIN 175301-803 A
	DL	Cable outlet, IP 67
Medium temperature		
⑥	A	-30 ... +100 °C
	B	-40 ... +125 °C

Order code: S-10 - ^① - ^② - ^③ -Z ^④ ^⑤ Z ^⑥ Z - ZZZ