

Pressure transmitter for general industrial applications

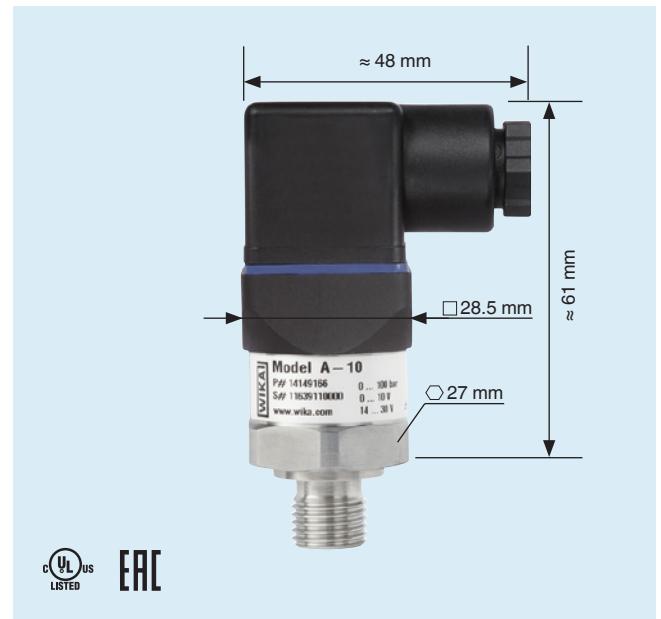
01/2018

Applications

- Price-sensitive industrial applications
- Simple thus reliable measurement in development and research
- Distributors, resellers and wholesalers in various industries

Specifications

- Measuring ranges from 0 ... 0.05 to 0 ... 1,000 bar
- Non-linearity 0.25 or 0.5 %
- Output 4 ... 20 mA, DC 0 ... 10 V, DC 0 ... 5 V and others
- Electrical connection: Angular connector form A and C, circular connector M12 x 1, cable outlet 2 m
- Process connection G 1/4 A DIN EN ISO 1179-2 (formerly DIN 3852-E), 1/4 NPT and others



Order numbers

Process connection		G 1/4 A DIN EN ISO 1179-2 (formerly DIN 3852-E)			
Sealing		NBR			
Medium temperature		0 ... 80 °C (32 ... 176 °F)			
Non-linearity		0.5 % BFSL			
Electrical connection		Angular connector DIN EN 175301-803 A		Circular connector M12 x 1 (4-pin)	
Output signal		4 ... 20 mA, 2-wire	DC 0 ... 10 V, 3-wire	4 ... 20 mA, 2-wire	DC 0 ... 10 V, 3-wire
Power supply		DC 8 ... 30 V	DC 14 ... 30 V	DC 8 ... 30 V	DC 14 ... 30 V
Measuring ranges	0 ... 0.05 bar	14182731	14182737	45796643	14252511
	0 ... 0.1 bar	14182732	14182738	35128314	14252519
	0 ... 0.16 bar	14182733	14182739	14252508	14252520
	0 ... 0.25 bar	14182734	14182740	14252509	14252523
	0 ... 0.4 bar	14182736	14182741	14252510	14252524
	0 ... 0.6 bar	14116790	14116248	14126782	14063267
	0 ... 1 bar	12719049	12852822	13002830	12797902
	0 ... 1.6 bar	12719405	12963446	12809455	14126594
	0 ... 2.5 bar	12719243	12909913	12742423	14011272
	0 ... 4 bar	12719251	12725421	12809447	14006333
	0 ... 6 bar	12719391	12824837	12966224	12797881
	0 ... 10 bar	12719260	12725057	12762831	12797864
	0 ... 16 bar	12719286	12784720	12777588	12797848
	0 ... 25 bar	12719308	12873315	12778908	13328906
	0 ... 40 bar	12719316	12910903	12762858	14002240
	0 ... 60 bar	12719324	12725448	12809331	13258606
	0 ... 100 bar	12719383	12850838	12890449	13099729
	0 ... 160 bar	12719375	12887430	13002856	14004998
	0 ... 250 bar	12719332	12725111	12724859	12889726
	0 ... 400 bar	12719341	12725102	12751198	12696839
0 ... 600 bar	12719367	12850781	12786943	12812880	

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

For further information see data sheet PE 81.60

Quick order code (you can find further possible variants in data sheet PE 81.60)

Field no.	Code	Version		
Non-linearity				
①	6	0.5 % BFSL		
	3	0.25 % BFSL		
Measuring range				
②	150	0 ... 0,05 bar (not possible with non-linearity 0.25 % BFSL)	410	0 ... 10 bar
	210	0 ... 0,1 bar (not possible with non-linearity 0.25 % BFSL)	416	0 ... 16 bar
	216	0 ... 0,16 bar	425	0 ... 25 bar
	225	0 ... 0,25 bar	440	0 ... 40 bar
	240	0 ... 0,4 bar	460	0 ... 60 bar
	260	0 ... 0.6 bar	510	0 ... 100 bar
	310	0 ... 1 bar	516	0 ... 160 bar
	316	0 ... 1.6 bar	525	0 ... 250 bar
	325	0 ... 2.5 bar	540	0 ... 400 bar
	340	0 ... 4 bar	560	0 ... 600 bar
	360	0 ... 6 bar	610	0 ... 1,000 bar
	Process connection			
③	HD1	G ¼ A DIN EN ISO 1179-2 (formerly DIN 3852-E), sealing: NBR		
	TBZ	G ¼ female, sealing: without		
	NBZ	¼ NPT, sealing: without		
	NPZ	¼ NPT female, sealing: without		
	MVL	7/16"-20 UNF-SAE O-ring BOSS, sealing: FPM/FKM		
	MIC	M20 x 1.5, sealing: copper		
	REZ	R ¼ ISO 7, sealing: without		
	PEZ	PT ¼, sealing: without		
	GCZ	G ¾ B, sealing: without		
Output signal				
④	AA	4 ... 20 mA, 2-wire, power supply: DC 8 ... 30 V		
	FC	DC 0 ... 10 V, 3-wire, power supply: DC 14 ... 30 V		
	GA	DC 0 ... 5 V, 3-wire, power supply: DC 8 ... 30 V		
	KA	DC 1 ... 5 V, 3-wire, power supply: DC 8 ... 30 V		
	1A	DC 0.5 ... 4.5 V, 3-wire, power supply: DC 8 ... 30 V		
	WE	DC 0.5 ... 4.5 V ratiometric, 3-wire, power supply: DC 5 V ± 10 %		
Electrical connection				
⑤	AGZ	Angular connector DIN EN 175301-803 A		
	AKB	Angular connector DIN EN 175301-803 A with 2 m cable		
	CGZ	Angular connector DIN EN 175301-803 C		
	CKB	Angular connector DIN EN 175301-803 C with 2 m cable		
	M4Z	Circular connector M12 x 1 (4-pin)		
	MGB	Angled socket M12 x 1 (4-pin) with 2 m cable		
	MIB	Cable socket M12 x 1 (4-pin) with 2 m cable		
	DLB	Cable outlet, IP 67, 2 m		
Approvals				
⑥	W	cULus		
	B	DNV GL and cULus		

Order code: A-10 - ① - BG ② - ③ Z - ④ - ⑤ - Z ⑥