

Superior pressure transmitter for general industrial applications

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Applications

- Critical industrial applications
- Demanding applications in research and development
- Harsh environments in the process industry

Special features

- Measuring ranges from 0...10 to 0...20,000 psi
- Non-linearity: $\leq \pm 0.5\%$, $\leq \pm 0.25\%$ or $\leq \pm 0.125\%$
- Output signal: 4 ... 20 mA, 0 ... 10 VDC, 1 ... 5 VDC, other options available
- Media temp: -22° ... 212° F, -40° ... 257° F, -40° ... 392° F, other options available



Order numbers

Signal output		4-20 mA 2-wire	
Media temperature		-22 ... 212 °F (-30 ... +100 °C)	
Electrical connectoin		Standard DIN	Mini DIN
Process connection		1/2" NPT Male	1/4" NPT Male
Non-linearity		0.25%	0.5%
Measuring ranges	0 ... 10 psi	52376460	52377563
	0 ... 15 psi	52375269	52376508
	0 ... 25 psi	52375277	52376524
	0 ... 50 psi	52375285	52376559
	0 ... 100 psi	52374301	52374319
	0 ... 150 psi	52375307	52376575
	0 ... 200 psi	52375323	52376591
	0 ... 250 psi	52375331	52376605
	0 ... 500 psi	52375366	52376648
	0 ... 750 psi	52375374	52376664
	0 ... 1,000 psi	52375391	52376672
	0 ... 1,500 psi	52375404	52376699
	0 ... 3,000 psi	52375421	52376770
	0 ... 5,000 psi	52375455	52376800
	0 ... 7,500 psi	52375463	52376826
	0 ... 10,000 psi	52375471	52376834
Vacuum and compound ranges	0 ... 15,000 psi	52375480	52376842
	0 ... 20,000 psi	52375498	N/A
	30" - 0 HgVac	52375595	52377199
Absolute ranges	30" - 60 HgVac	52375617	52377211
	30" - 160 HgVac	52375633	52377237
	0 ... 15 psia	52375501	52376851
	0 ... 50 psia	52375552	52376885
	0 ... 100 psia	52375579	52376907
	0 ... 500 psia	52375587	52376923

Quick order code (you can find further possible variants in data sheet PE 81.61)

Field no.	Code	Version
Non-linearity		
①	6	0.5 % BFSL
	3	0.25 % BFSL
	B	0.125 % BFSL
Measuring range		
②	269	0 ... 10 psi
	310	0 ... 15 psi
	317	0 ... 25 psi
	335	0 ... 50 psi
	369	0 ... 100 psi
	410	0 ... 150 psi
	414	0 ... 200 psi
	417	0 ... 250 psi
	434	0 ... 500 psi
	452	0 ... 750 psi
	469	0 ... 1,000 psi
	514	0 ... 2,000 psi
	521	0 ... 3,000 psi
	534	0 ... 5,000 psi
	552	0 ... 7,500 psi
	569	0 ... 10,000 psi
	610	0 ... 15,000 psi
	614	0 ... 20,000 psi
Process connection		
③	HAC	G ¼ B EN 837, Copper
	HD1	G ¼ A DIN 3852-E, NBR
	MVL	7/16-20 UNF SAE O-ring Boss, FKM
	NBZ	¼ NPT
	NDZ	½ NPT
	NPZ	¼ NPT Female
Media temperature		
④	3K	-22 ... 212 °F (-30 ... +100 °C)
	4Q	-40 ... 257 °F (-40 ... +125 °C)
	4T	-40 ... 302 °F (-40 ... +150 °C) (not available with process connections HD1, MVL and NBZ)
	41	-40 ... 392 °F (-40 ... +200 °C) (not available with process connections HD1, MVL and NBZ)
Output signal		
⑤	A	4 ... 20 mA
	F	0 ... 10 V
	G	0 ... 5 V
	K	1 ... 5 V
	L	1 ... 6 V
	1	0.5 ... 4.5 V
	W	0.5 ... 4.5 V (ratiometric)
Electrical connection		
⑥	AGGZZZ	Angular connector DIN 175301-803 A
	CGGZZZ	Angular connector DIN 175301-803 C
	M4ZZZZ	Circular connector M12 x 1 (4-pin)
	MMZZZZ	Circular connector M12 x 1 (4-pin), metallic
	DLZUF6	Cable outlet IP 67 (6 ft)
	2XZBF6	Cable outlet ½ NPT conduit (6 ft)

Order code: S-20 - ① - PG ② - ③ - ④ - ⑤ - ⑥ - ZWZ

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