

Pressure transmitter 5000

Technical description

Characteristic	
<ul style="list-style-type: none"> – possible working with hydrostatic probe (immersion version) – for water and sewage industry – elements in contact with the medium - 316 stainless steel, Inconel 625, – various electrical connections – CE mark in accordance with EN 50091-1 and EN 50082-2 standards – protection degree: IP65, IP67, IP30 acc. to electrical connection type 	
Measuring range	
(25 ÷ 70) mbar (71 ÷ 200) mbar (201 ÷ 350) mbar (351 ÷ 1000) mbar	
Accuracy class	
0,2% full range	
Stability	
0,25%	
Acceptable overload	
from (2 ÷ 7) bar (depending on the range)	
Power source	
(9 ÷ 35) V DC	
Working conditions	
<ul style="list-style-type: none"> – temperature of the medium: (-40 ÷ 125) °C – temperature of the environment: (-10 ÷ 80) °C – condensation temperature: (-20 ÷ 60) °C 	



Ordering code

Pressure transmitter	5000 - ... - G - ... - ... - ... - ... - ... - A - ...	
Output:	B - (4 ÷ 20) mA C - (1 ÷ 6) V	F - (0,1 ÷ 5,1) V H - (1 ÷ 5) V
	J - (0,5 ÷ 5,5) V R - (0 ÷ 5) V	
Pressure type: relative		
Pressure range [mbar]	M70 - (25 ÷ 70) N20 - (71 ÷ 200)	N35 - (201 ÷ 350) A10 - (351 ÷ 1000)
Process connection type	00 - G $\frac{1}{4}$ (internal) AK - G $\frac{1}{4}$ (external) MK - M14x1,5 (int.)	BK - $\frac{1}{4}$ NPT (ext.) KK - 7/16 UNF OF - flange KF25
Electrical connection type	G - DIN 43650 L - M12x1 - 5-pin	M - IP67 cable 3 - $\frac{1}{2}$ NPT W - welded version with IP68 cable
Approvals:		3 G
CE		
ATEX Ex ia IIB T4 (-20<Ta<+75 °C)		
Cable length: none		none.
1 m		001
999 m		999
Accuracy class: accuracy/temperature error		
0,25%/2%		
Measuring range		acc. to series of type

Ordering example

Pressure transmitter 5000-B-N20-19-M-3-000-A-350 mbar