

Pressure transmitter 22IC/26IC

Technical description

Charakterystyka
– transmitter Exi; Ex II 1G; Ex ia IIC T4 (-20 °C <Ta< 75 °C)
– highly resistant to vibrations and overloads
– transmitter material: 316 stainless steel (17-4PH)
– non-accumulating temperature error
– 100 million test cycles
Measuring range
(-1 ÷ 0) up to (0 ÷ 400) bar
* max. absolute pressure range 25 bar
Stability
0,2% (CVD technology)
Acceptable overload
2x range up to 400 bar
1,5x range 400 bar
Accuracy class
0,25% full range - standard; (optional 0,15%)
Power source
(7 ÷ 35) V DC - current output
1,5 V above output signal up to 25,5 V DC - voltage output
Operating conditions
– temperature of the medium: (-40 ÷ 125) °C
– temperature of the environment: (-20 ÷ 80) °C
– compensation temperature: (-20 ÷ 80) °C



Ordering code

Pressure transmitter		- ... - ... - ... - ... - ... - ... - ... - ... - ...	
Series:	22IC / 26IC		
Output:	B - (4 ÷ 20) mA D - (1 ÷ 11) V C - (1 ÷ 6) V H - (1 ÷ 5) V	J - (0,5 ÷ 5,5) V R - (0 ÷ 5) V S - (0 ÷ 10) V	
Kind of pressure:	relative		G
	absolute		A
Pressure range [bar]		1A0 - (-1 ÷ 0) 1A6 - (-1 ÷ 0,6) 2A5 - (-1 ÷ 1,5) A10 - (0 ÷ 1) A16 - (0 ÷ 1,6) B25 - (0 ÷ 25) A25 - (0 ÷ 2,5) B40 - (0 ÷ 40) B60 6A0 - (-1 ÷ 5) A40 - (0 ÷ 4) - (0 ÷ 60) C10 - (0 ÷ 1B0 - (-1 ÷ 9) A60 - (0 ÷ 6) 100) C16 - (0 ÷ 160) 1B6 - (-1 ÷ 15) B10 - (0 ÷ 10) C25 - (0 ÷ 250) C40 2B5 - (-1 ÷ 24) B16 - (0 ÷ 16) - (0 ÷ 400) 4B0 - (-1 ÷ 39)	
Process connection type	01 - G ¹ / ₄ (ext.) 08 - 1/8NPT (ext.) 02 - 1/4NPT (ext.) 09 - G ¹ / ₂ (int.) 03 - G ¹ / ₂ (ext.) 00 - G ¹ / ₄ (wew.) 04 - 7/16-20 (ext.) 0A - R ¹ / ₄ (ext.) 05 - G ¹ / ₄ z uszczelką (ext.) 19 - immersion connection		
Electrical connection	22IC	26IC	
	A - connector DIN with plug B - connector DIN without plug F - cable IP67	1 - connector Mil-C plug 8-4 3 - connector with 1/2NPT cable C - connector Mil-C 10-6 G - plug DIN 43650 M - immersion connection max. 200 m	
Transmitter protection: Ex ia IIC T4 (-20 °C <Ta< 75 °C)			B
Zener barrier, only relative pressure			G
Galvanic isolation			
Cable length			E - 3 m U - none F - 5 m D - 1 m G - 10 m
Accuracy class: accuracy/temperature error			
0,25%/1,5%			A
0,15%/1,0%			B

Ordering example

Pressure transmitter 22IC-B-G-B10-01-A-G-U-A