

CORROSION PROOF PRESSURE TRANSMITTER

series THPB3-c, THIPB3-c



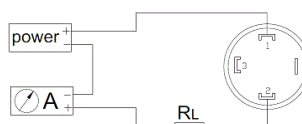
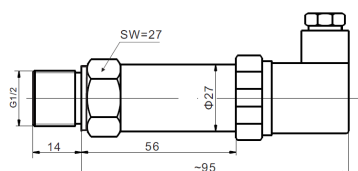
Specification:

THPB3-c corrosion proof pressure transmitter adopts same ceramic pressure sensor and amplifier as our standard THPB3-c model. The pressure diaphragm of THPB3-c is made from ceramic material (while its wetted parts are made from Polyvinylidene Fluoride (PVDF), which makes the transmitter has a higher degree of chemical corrosion resistance. 96%AL2O3), The compensated temperature range of THPB3-c is 0~70 THPB3-c is designed for measuring corrosive pressure medium in most industrial application, including hydraulics and pneumatics, refrigeration & air conditioning, as well as process control systems.

Description:

- Application for corrosive media which is not compatible with stainless steel material
- Polyvinylidene Fluoride PVDF as wetted part material Ceramic diaphragm(96%Al2O3)
- Measuring range from 0~1bar to 0~200bar Standard accuracy 0.5%FS

TECHNICAL PARAMETERS			
Pressure medium	gas or liquid compatible with ceramic and PVDF material	Compensated temperature range	0~70°C
Pressure ranges	0~1bar...200bar	Operating temperature range	-30~+95°C
Pressure type	gauge(G), absolute(A)	Storage temperature range	-40~+100°C
Overload pressure	150%FS	Process connection	G1/4, G1/2, M20x1,5 , 1/2NTP
Output signal	4~20mA, 0~5V, 0~10V, 1~5V 4~20mA HART / THIPB3	Electrical connection	DIN 43650 connector or others
Accuracy	0.25%FS, 0,5%FS /standard/	Material of wetted part	Polyvinylidene Fluoride (PVDF)
Load resistance	RL=(U-12V)/0.02A(4~20mA current output) U—loop voltage V	Material of pressure membrane	ceramic(96%AL2O3)
Long-term stability	<0.2%FS/year	Material of housing	321
Supply voltage	12~36VDC		



Order code:

THPB3-c						
	Range	Pressure type	Accuracy	Output signal	Process connection	Electrical connection



THPB3 -c, THIPB3-c(HART)							
	Rozsah	measuring range: 0~1bar...200bar					
	(0~ X) bar	X :required measuring range					
		Code	Pressure type				
		G	gauge				
		A	absolute				
			Code	Accuracy			
			C	0,25%			
			D	0,5%			
				Code	Output signal		
				O1	4 ~20mA		
				O2	0 ~ 5V		
				O3	1 ~ 5V		
				O4	0 ~ 10V		
					Code	Process connection	
					P2	G1/2	
					P3	1/2NPT	
					P4	M20x1,5	
					Pz	customer request	
				Code	Electrical connection		
				E1	DIN 43650		
	E2	aviation connector					
	E3	shielded PVC cable					
		Ez	customer request				

THPB3-c	(0 ~ 200)bar	G	D	O1	P2	E1
	Range	Pressure type	Accuracy	Output signal	Process connection	Electrical connection