

Model MC20AS

Ultra-small pressure transmitter

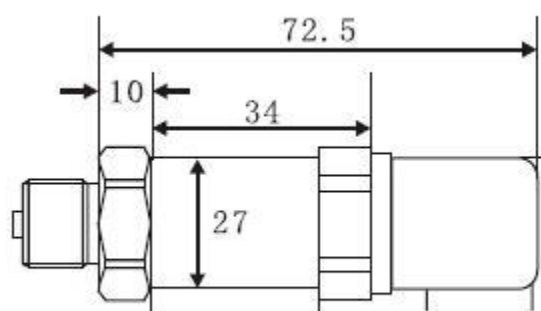


DESCRIPTION

MC20AS ultra-small pressure transmitter is a cost efficient general purpose pressure transmitter. Each unit is constructed of stainless steel for durability in severe environments. Both gas and liquid pressure overloads of up to 200% over capacity are safely accepted.

Model MC20AS is a improved type on the basis of Model MC20A. It is made smaller and easier to install in limited space Transmitter uses proprietary current output with wide temperature compensation. This design references the primary pressure sensing diaphragm to the atmosphere, and provides a stable zero regardless of the transducer environment.

DIMENSIONS



FEATURES:

Pressure Media	Fluids, gas
Supply Voltage	12 to 36V
Operating Range	(Gage/Absolute Pressure)--Max(0~60)MPa, Min(0~0.5)KPa
	(Negative Pressure)---Max(-100KPa~), Min(-0.2~0.2)KPa

Model MC20AS Ultra-small pressure transmitter

Accuracy	±0.25%, ±0.5%(25°C)
Over Pressure	200% full scale
Long Term Stability	<0.25%FS per year
Response	<100ms
Output Signal	(4~20)mA (Current two-wire/three-wire) , (0~10/20) mA (0~5) V, (1~5) V, (0~10) V, etc.
Temperature Range	-20~85°C (Normal), -20~200°C (Installation of the radiator)
Temperature Effects	0.00015%FS/°C
Pressure Connection	G1/2 female or user specified
Electrical Connection	DIN Plug/Socket or Cable Type
Protection Class	IP65

ORDERING CODES:

MC20AS(KPa)□□ E □ A □ C □ R □ Ultra-small pressure transmitters			
MC20A			
	(KPa)	Operating Range	
		G: Gage Pressure A: Absolute Pressure P: Negative Pressure	
		K: Diffused silicon transducer T: Ceramic piezoresistive transducer P :Ceramic capacitor transducer	
	E □	Output Signal	
		1: (0~5)VDC 2: (4~20)mA 3: User Specified	
	A □	Accuracy	
		1: 0.25 2: 0.5	
	C □	Pressure Connection	
		1: G1/2 female 2: User Specified	
	R □	Electrical Connection	
		1: Cable Type 2: DIN Plug/Socket 3: User Specified	