

Model MC20B Universal Pressure Transmitter



DESCRIPTION:

MC20B Universal 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.

The 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.

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
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	Waterproof Connector(M20*1.5)
Protection Class	IP65

ORDERING CODES:

MC20B(KPa) □ □ E □ A □ C □ R □ Universal pressure transmitter	
	(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	

