

## Model MC20E Pressure Transmitter



### DESCRIPTION

Model MC20E Pressure Transmitter is a cost efficient general purpose pressure transmitter which has cylindrical outer shape. 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

- Reverse polarity and current limit protection;
- Temperature compensate though laser trimming;
- Zero and span adjustable;
- High overload and anti-interference;
- Stable performance

**SPECIFICATIONS**

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℃)
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℃(Normal), -20~200℃(Installation of the radiator)
Temperature Effects	0.00015%FS/℃
Pressure Connection	G1/2 female or user specified
Electrical Connection	Waterproof Connector(M20*1.5)
Protection Class	IP65

**ORDERING CODES**

MC20E( KPa)□□ E □ A □ C □ R □				
	(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	