

MC20A Compact Pressure Transmitter



Model MC20A Compact 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 200-300% 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

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| Pressure Media | Fluid, Gas |
| Supply Voltage | 12 to 36V |
| Accuracy | ±0.25%, ±0.5%(25°C) |
| Over Pressure | 200-300% full scale |
| Long Term Stability | <0.25% FS per year |
| Response | <100ms |
| Output Signal | (4~20)mA (2-wire/ 4-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 bellow) |
| Temperature Effects | 0.00015%FS/°C |
| Pressure Connection | User specified |
| Electrical Connection | DIN Plug/Socket or Cable Type |
| Protection Class | IP65 |

ORDERING CODES

| MC20A | Compact Pressure Transmitter | |
|-------|------------------------------|---|
| - | Appearance Type | A: Normal AS: Shorter |
| - | Pressure range | e.g. 0-10bar or 0-1MPa etc. |
| - | Wet Part Material | -S4: 304 Stainless Steel -S6: 316 Stainless Steel -PP: Polypropylene -PT: PTFE -US: specified |
| -O | Signal Output | 1: 4-20 mA 2-wires 2: 4-20 mA 4-wires 3: 0-5V |

| | | |
|----|------------------------|---|
| | | 4: 0-10V 5: 1-5V 6: 1-10V 7: 0.5-4.5V (5V Power) 8: 0-10mA 9: 0-20mA 11: RS485 0: specified (Please Mention) |
| -S | Cable Leading-out Type | 1: Hirschman 2: Directly Cable 3: Thread 4: User Specified |
| -D | Display | 1: Without 2: LED 3: LCD |
| -T | Temperature | 1: Normal 2: High Temperature |
| -A | Installment type | 1: thread 2: flange 3: clamp 4: customer specified |
| - | Size of installment | e.g. for A1, -1/2BSP or -M20*1.5 etc.; for A3, -2" or 3" etc. |

CABLE LEADING-OUT TYPE



WITH HIGH TEMPERATURE BELLOW



DIMENSION

