

RP202S

Pressure Transmitter



Features

- High precision optional
- Explosion-proof optional
- Multiple electrical connections
- Small diameter and easy to install
- Negative pressure applies
- Multiple process connections
- Good anti-interference performance
- Digital circuit compensation

RP202 pressure transmitter is designed for embedded applications of equipment and devices. It is available in a variety of structural forms and output forms. It has a compact structure and is especially suitable for applications with narrow installation space.

Performance parameter

Range	-100kPa--0~6kPa--60MPa		
Pressure type	Gauge、 Absolute、 Seal		
Power supply	24VDC	5VDC	
Output	4-20mA、 0-10V、 485RTU	1-5V、 0-5V、 0.5-4.5V	
Precision level	0.1	0.25	0.5
Temperature coefficient	0.1%FS/10℃	0.2%FS/10℃	0.25%FS/10℃
Temperature influence	0.2%FS (-20-65℃)	0.5%FS (-20-65℃)	1%FS (-20-65℃)
Electrical connection	Direct Lead, M12 Navigation plug, Hirschmann, Parker Connector, Customization		
Process connection	G1/8 (M)、 G1/4 (M)、 G1/2 (M)、 NPT1/8 (M)、 NPT1/2 (M) NPT1/4 (M)、 M20x1.5 (M)、 M20x1.5 (M) Flat diaphragm, Customization		
Diaphragm material	316L、 HASC、 Customization		
Explosion-proof performance	Exd II BT 4(optional), only suitable for Direct Lead electrical connection		
Ambient temperature	-20℃~80℃	Degrees of protection	IP65
Medium temperature	-30-100℃	Service life	≥ 10 ⁷ Pressure Cycle
Storage temperature	-40-80℃	Insulation resistance	≥ 100MΩ /500VDC

Range

Range of code	Pressure type	Span	Overload pressure of different precision grades	
			0.1	0.25/0.5
K006	G	0~6kPa	300kPa	300kPa
K040	G、A	0~40kPa	1MPa	150kPa
K100	G	0~100kPa	Not Applicable	400kPa
K250	G、A	0~250kPa	2MPa	1MPa
M001	G、A	0~1MPa	10MPa	2MPa
M003	G、A、S	0~3MPa	10MPa	6MPa
M010	G、S	0~10MPa	20MPa	20MPa
M040	G	0~40MPa	60MPa	60MPa
M006	G	0~60MPa	90MPa	90MPa

