



■ Gauge/ Absolute Pressure Transmitter RP902

Suitable to measure liquid, gas or steam flow as well as liquid level, density and pressure.

Salient Features

- High Stability Silicon Sensor
- Reference Accuracy up to 0.1%
- Overload Protection up to 500 bar
- Stainless Steel/ Hastelloy C Diaphragm Material
- Silicone/ Fluorine Oil as Filling Fluid
- Epoxy coated Aluminium Die Cast housing
- IP67 Grade Protection
- HART Communication Protocol
- Economical & Value adding Solution for Industries

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RKS
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RP902Gauge/ Absolute Pressure Transmitter

Technical Parameters

Char.	Parameter
Medium	Gas, Steam, Liquid
Range	0 – 1 kPa ~ 40 MPa
T _{Ambient}	-40° C ~ +85° C
T _{Storage}	-50° C ~ +85° C
T _{Process}	-30° C ~ +125° C
Turn Down Ratio	10:1
Output	2-Wire/ 4-20 mADC HART
Power Supply	14 – 45 VDC
Stability	±0.1%URL/ 5 years
Weight	~3.0 kg
Configuration	Through Push Button (Zero & Span) as well as HART
Process Connection MOC	SS304
Display	Backlit LCD Display
Housing MOC	Die Cast Aluminium with Epoxy Coating
Nameplate MOC	SS304
Preheat time	< 15s
Alarm Current	Min. 3.6 mA Max. 21 mA

RP902 Model Selection Table

10 Accuracy	
C	Reference Accuracy ±0.1%
20 Span	
B	0 – 3 ~ 6 kPa
C	0 - 4 ~ 40 kPa
D	0 - 25 ~ 250 kPa
F	0 - 250 ~ 3000 kPa
G	0 – 1000 ~ 10000 kPa
H	0 – 2000 ~ 21000 kPa
I	0 – 4000 ~ 40000 kPa
L	0 - 10 ~ 40 kPa absolute
M	0 - 25 ~ 250 kPa absolute
N	0 - 250 ~ 3000 kPa absolute
30 Output	
1	4-20 mADC/HART
40 Isolating Diaphragm	
S	Stainless Steel 316L
H	Hastelloy C
50 Filling Fluid	
1	Silicone Oil
2	Fluorine Oil
60 Process Connection	
A	½" NPT Female Thread
B	M20x1.5 Male Thread
X	Customized
70 Electrical Interface	
1	M20x1.5 Female Thread (with cable sealing head)
2	½" NPT Female Thread
80 Mounting Bracket	
A	None
B	Galvanized Carbon Steel
C	304 Stainless Steel
90 Tag/ Name Plate/ Bit Number Location (up to 16 characters)	
S	Standard
1	Hanging Stainless Steel Plate



South Asia

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