

Pressure Transmitter

Make : ALOCON (by OEM)

TECHNICAL DATA SHEET

Measure System	
Application Range	Measurement of gauge and absolute pressure in gases and liquids
Measuring Range	-1...0-2...1000 bar
Technical Performance	
Pressure Type	gauge pressure, absolute pressure, sealing pressure
Power Supply	12 VDC, 24 VDC, 12-36 VDC
Signal Output	4-20mA, 0-20mA, 0-5V, 1-5V, 0-10V, RS485
Zero Drift	±0.03% FS/°C
Accuracy	±0.5% FS, 0.3% FS optional
Thermal Sensitivity Drift	±0.03% FS/°C
Long Term Stability	≤0.2% FS one year
Frequency Response (-3dB)	5kHz - 650kHz
Ingress Protection	IP65
Pressure Connection	G1/4, G1/2, 1/2NPT, 1/4NPT, M20x1.5 etc
Measure Medium	Gas, water, oil etc (non-explosive-proof area)
Electrical Connections	DIN connector type, M12 connector type, cable connector type
Time Response	<10ms
Weight	Min. 400g
Materials	
Housing	304/316L stainless steel
Fill Fluid	Silicon oil
Wetted Parts	
Pressure Port	Stainless steel 304/AISI 316L
Separating Diaphragm	Stainless steel 304/AISI 316L
Sealing	FKM (medium temperature ≤ +200 °C / +392 °F); EPDM; NBR
Output Signal	
Signal Type	Signal
Current (2-wire)	4 - 20 mA
Voltage (3-wire)	0-5V, 1-5V, 0-10V



Voltage Supply		
Output Signal	Power supply Standard	Option
4 - 20 mA	12 VDC	12 - 36 VDC
0 - 20 mA	24 VDC	12 - 36 VDC
DC 0 - 5 V	24 VDC	12 - 36 VDC
DC 1 - 5 V	24 VDC	12 - 36 VDC
DC 0 - 10 V	24 VDC	12 - 36 VDC

