

RoHS Compliant

Manosys Corrosion-resistant Pressure Transmitter: EMTGP1

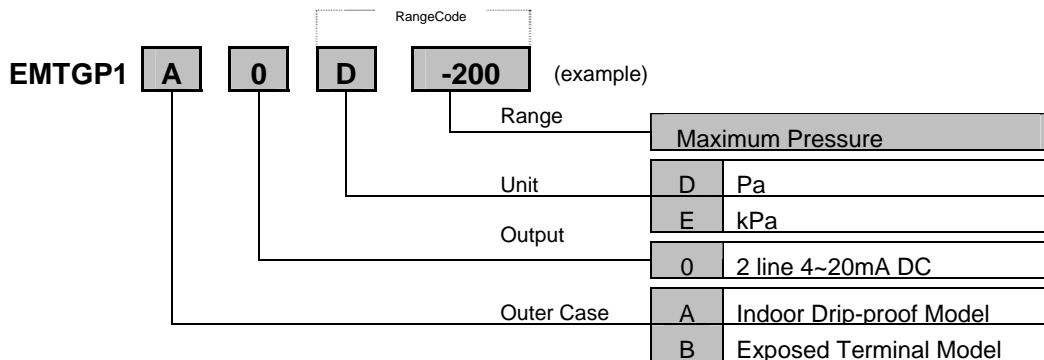
For Negative Pressure Measurement



EMTGP1A

EMTGP1B

Product Code Naming



Model	Indoor, drip-proof, corrosion-resistant model	Exposed terminal corrosion-resistant model
	EMTGP1A	EMTGP1B
Units	Pa, kPa	
Type of Measurement	Single-pressure (negative pressure measurement)	
Gases Measured	Corrosive gases (Cannot be used with sulfuric gas)	
Mechanism	Diaphragm (PEEK resin film)	
Max. Pressure(Diaphragm)	-10kPa	
Outer Casing	Unit: Aluminum die-cast with gray paint Base: Corrosion-resistant plastic (PEEK resin)	
Maximum Pressure (Unit)	50kPa	
Installation	Horizontal, facing upward (0° + 5°)	

Model	Indoor, drip-proof, corrosion-resistant model		Exposed terminal corrosion-resistant model	
	EMTGP1A		EMTGP1B	
Electric Signal Conversion Output & Transmittance Insulation Resistance Operating Temperature Operating Humidity Vibration Resistance Shock Resistance Connection Screws Weight Accessories	Variable inductance 2-wire type: output signal 4~20mA DC (load resistance under 500Ω) Power supply: 24V DC ± 10% (ripple 0.2V P-P or less) Between terminal & ground: over 20MΩ (500V DC megger) 10°C~40°C (no icing) 90%RH or less (no condensation) 5-10Hz Total Amplitude 10mm 10-50Hz Accelerated Amplitude 39m/s ² (2hrs in each triaxial direction) 100m/s ² (6 times in each triaxial direction) American Standard screws 1/4-18NPT EMTGP1A: Approx. 980g EMTGP1B: Approx. 860g None			
Pressure Range Code	Pressure Range	Accuracy at 20°C	Temperature Drift (10~40°C)	
D-200	0 ~ -200 Pa	± 2.5%F.S.	± 0.15%F.S./°C	
D-300	0 ~ -300 Pa			
D-500	0 ~ -500 Pa			
D-1000	0 ~ -1000 Pa			
E-2	0~ -2 kPa			

- Do not use with flammable gases.
- Do not install in downward-facing or vertical position.

For more information, please contact:

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