PGM-D

Small-sized Pressure Transducer



Specifications

Performance	
Rated Capacity	See table below.
Nonlinearity	Within ±0.5% RO
Hysteresis	Within ±0.5% RO
Repeatability	0.5% RO or less
Rated Output	1.5 mV/V ±20%
Environmental Characteristics	
Safe Temperature	−10 to 70℃
Compensated Temperature	0 to 60℃
Temperature Effect on Zero	Within ±0.1% RO/℃
Temperature Effect on Output	Within ±0.1%/℃
Electrical Characteristics	
Safe Excitation	3 V AC or DC
Recommended Excitation	1 to 2 V AC or DC
Input Resistance	120 Ω ±2%
Output Resistance	120 Ω ±2%
Cable	4-conductor (0.065 mm²) vinyl shielded cable, 4 mm diameter by
	3 m long, terminated with a connector plug PRC03-12A10-7M
	(Shield wire is connected to the case.)
Mechanical Properties	
Safe Overloads	150%
Natural Frequencies	See table below.
Material	Case: Stainless steel
	Liquid-contacting part: SUS630
Weight	Approx. 40g (Excluding cable)
Mounting Screw	G1/8 male
Degree of Protection	IP52 (JIS C 0920/IEC 60529)
Compliance	Directive 2011/65/EU, (EU)2015/863 (10 restricted substances) (RoHS)

Flush diaphragm type

●**Rated capacity: 5 to 50 MPa**

Flush diaphragm type compact transducers.

■**Standard Accessories** Gasket (Mild copper)

■**Models**

Model	Rated Capacity	Natural Frequencies (Approx.)
PGM-50KD	5 MPa	83 kHz
PGM-100KD	10 MPa	113 kHz
PGM-200KD	20 MPa	150 kHz
PGM-500KD	50 MPa	250 kHz

*TEDS-installed models are available. Please contact us.

* 1 MPa model (PGM-10KD M156) and 2 MPa model (PGM-20KD M156) are available.

■**Dimensions**



