Strain Gage
Load Cell
Pressure Sensor
Acceleration Sensor
Torque Sensor
Displacement Sensor
Component Force Sensor
Automotive Sensor
Civil Engineering Sensor

PAG-2KA

Highly Stable Current-output Pressure Transducer



Highly reliable high-resolution pressure transducers with excellent stability

- Rated capacity: 200 kPa
- Current output (4 to 20 mA)
- High stability (zero point stability within ±0.5% RO/year)

Pressure transducers offer long-term reliability and stability through stabilized conversion and airtight structure filled with inert gas of the pressure transducer.
The amplifier provides excellent resistance to high-frequency radio noise, ensuring reliable, stable, and noise resistance measurement.

Specifications

Performance	
Rated Capacity	200 kPa
Nonlinearity	Within ±0.1% RO
Hysteresis	Within ±0.2% RO
Current Output	4 to 20 mA
Environmental Characteristics	
Safe Temperature	−20 to 75℃
Compensated Temperature	−20 to 70℃
Temperature Effect on Zero	Within ±0.03% RO/℃
Temperature Effect on Output	Within ±0.01%/℃
Zero Stability	Within ±0.5% RO/year
Electrical Characteristics	
SN Ratio	60 dB or more
Load Resistance	0 to 500 Ω
Cutoff Frequencies of AMP	650 Hz (Amplitude ratio at cutoff point -3 ±1 dB)
Power Supply	24 VDC (21 to 30 V), 30 mA or less
Cable	4-conductor (0.3 mm²) chloroprene shielded cable,
	7.6 mm diameter by 5 m long,
	Sensor side: Terminated with a waterproof
	connector plug 1108-12A10-7F
	Measuring instrument side:
	Bared at the tip. (Use 3 conductors only.)
	(Shield wire is not connected to the case.)
Mechanical Properties	
Safe Overloads	150%
Material	Case: SUS (Metallic finish)
	Liquid-contacting part: SUS630
Weight	Approx. 270 g (Excluding cable)
Degree of Protection	IP62 (JIS C 0920/IEC 60529)

Standard Accessories Gasket (Mild copper)

Dimensions



