

PAG-2KA

- Excellent in reliability & stability
- 200 kPa

Highly Stable Current-output Pressure Transducer



Excellent reliability & stability Fine resolution

- Excellent reliability
- Excellent stability
- Fine resolution
- Current output in a range from 4 to 20 mA
- Noise resistant

PAG-2KA series pressure transducers are stable and their sensor part is designed to be highly stable. Also, inert gas is sealed hermetically in sensor part, ensuring excellent reliability and stability for long-term.

The built-in amplifier is composed of highly-selected reliable components and be fully tuned to provide high-frequency radio noise resistance. Therefore, PAG-2KA series achieves reliable, stable, and high noise resistant measurements.

Specifications

Performance

Rated Capacity	200 kPa
Nonlinearity	Within $\pm 0.1\%$ RO
Hysteresis	Within $\pm 0.2\%$ RO
Current Output	4 to 20 mA

Environmental Characteristics

Safe Temperature	-20 to 75°C
Compensated Temperature	-20 to 70°C
Temperature Effect on Zero	Within $\pm 0.03\%$ RO/°C
Temperature Effect on Output	Within $\pm 0.01\%$ /°C
Zero Stability	Within $\pm 0.5\%$ 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 mm ²) 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: SUS 630
Weight	Approx. 270 g (Excluding cable)
Degree of Protection	IP62 (IEC 60529)
Mounting Screw	G3/8, male

Standard Accessories Gasket (Mild copper)



Pressure Transducers

Outline

General

High temp.
Low temp.

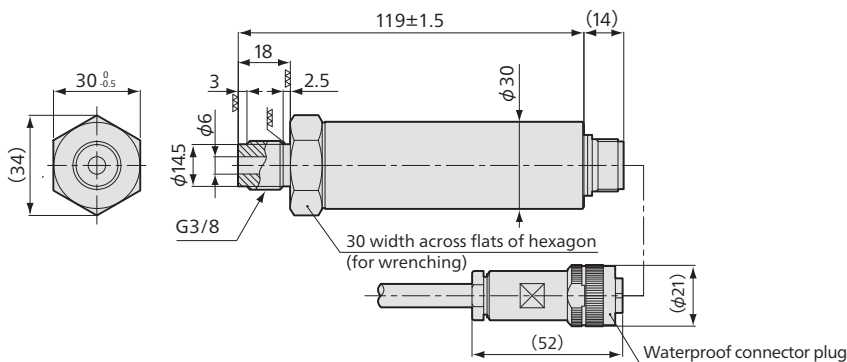
Absolute pressure
High pressure

Pressure transmitter

Differential pressure

Distributed pressure

Dimensions



Bared at the tip

