

# PAG-2KA

- Excellent in Reliability & Stability
- 200 kPa

## Highly Stable Current-output Pressure Transducer



### Excellent Reliability & Stability Fine Resolution

- Current output in a range from 4 to 20 mA
- Noise resistant

PAG-A 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-A 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
Rated 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	$\pm 0.5\%$ RO/year

##### Electrical Characteristics

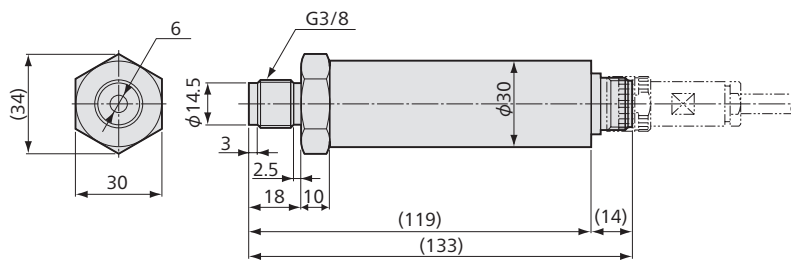
SN Ratio	60 dB or more
Load Resistance	0 to 500 $\Omega$
Cutoff Frequencies of AMP	650 Hz, amplitude ratio at cutoff point $-3 \pm 1$ dB
Power Supply	24 V DC (21 to 30 V), 30 mA or less
Cable	4-conductor (0.3 mm <sup>2</sup> ) chloroprene shielded cable, 7.6 mm diameter by 5 m long, bared at the tip (3-wire) (Shield wire is not connected to the case.)

##### Mechanical Properties

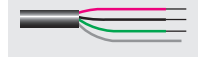
Safe Overloads	150%
Material	Case: SUS (Metallic finish), SUS 630
Weight	Approx. 270 g (Excluding cable)
Degree of Protection	IP62 (IEC 60529)
Mounting Screw	G3/8, male

Standard Accessories | Gasket (Mild copper)

#### Dimensions



Bared at the tip



#### ● Dynamic measurement

PAG-2KA Recommended products for combination

- Universal Recorder EDX-200A → 3-55
- Universal Recorder EDX-100A → 3-63
- Memory Recorder/Analyzer EDX-5000A → 3-68

