ASPA-A/ASPB-A

Piezoelectric Acceleration Transducer (Built-in Amplifier)

Specifications

Performance	
Rated Capacity	±2200 m/s²
Voltage Sensitivity	1.0 mV/m/s² ±10%
Environmental Characteristics	
Operating Temperature	−30 to 110℃
Electrical Characteristics	
Power Supply	15 to 25 V DC, 0.5 to 5.0 mA
Output Impedance	100 Ω or less
Cable	Dedicated cable (LN-012 2m C29-104P-Miniature),
	length: approx. 2 m
	Sensor side: C29-104P
	Measuring instrument side: Miniature connector
	(Shield wire is connected to the case.)
Impact Resistant	10000 m/s²
Mechanical Properties	
Frequency Response (±1 dB)	3 to 12000 Hz
Frequency Response (±3 dB)	1.5 to 16000 Hz
Resonant Frequency	Approx. 45 kHz
Transverse Sensitivity	5% or less
Case Material	Titanium
Mounting Screw	Female screw (M3 × 0.5 × 2)
Weight	See table below.

Wide measuring range, and capable of measuring from slight vibration to large acceleration

- **Rated capacity: ±2200 m/s²**
- **High mechanical strength**
- **Detachable cable for easy installation**

Compact piezoelectric (IEPE) transducers with a built-in amplifier and wide measuring range, capable of measuring from slight vibration to large acceleration.

■Standard Accessories Conversion connector BNCP-ZR
Dedicated cable LN-012-2M-C29-M

■Optional Accessories Insulated stad

■Models

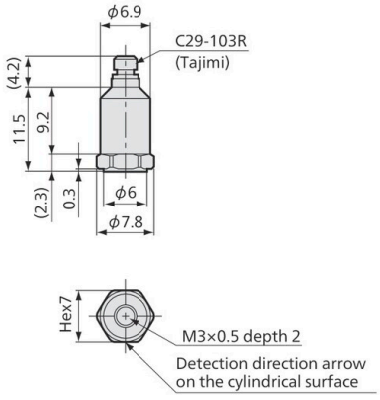
Model	Weight (Approx.)
ASPA-A-200	2 g
ASPB-A-200	3 g

*Acceleration (m/s²) = Output voltage from sensor (mV) ÷ Voltage sensitivity (mV/m/s²)

To Ensure Proper Usage

Before measuring using CCA-40A or CCA-40A-F, insulate the mounting surface between the transducer and measuring object.

■Dimensions



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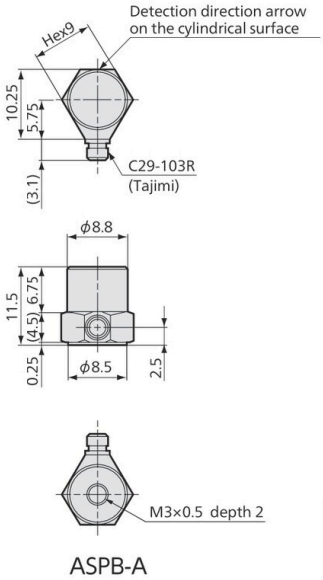
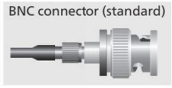
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