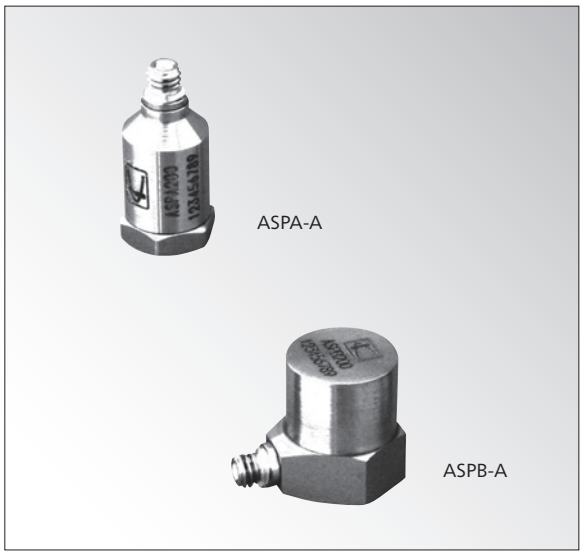
ASPA-A/ASPB-A

●2200 m/s²

Piezoelectric Acceleration Transducer (Built-in Amplifier)



Specifications

Rated Capacity	±2200 m/s²
Voltage Sensitivity	1.0 mV/m/s² ±10%
Resonant Frequency	Approx. 45 kHz
Frequency Response (±1 dB)	3 to 12000 Hz
Frequency Response (±3 dB)	1.5 to 16000 Hz
Impact Resistant	10000 m/s²
Operating Temperature	-30 to 110°C
Transverse Sensitivity	5% RO or less
Output Impedance	100 Ω or less
Weight	ASPA-A-200: Approx. 2 g
	ASPB-A-200: Approx. 3 g
Case Material	Titanium
Mounting Screw	Female screw (M3×0.5, depth 2)
Power Supply	15 to 25 VDC, 0.5 to 5.0 mA
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.)

Standard Accessories: Miniature BNC conversion connector
Dedicated cable LN-012 2m

Optional Accessories: Insulated stad

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

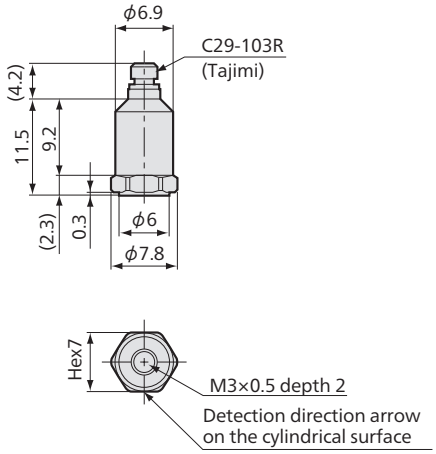
Wide measurement range, capable of measuring slight through to high accelerations.

- ●High sensitivity, small size
- ●Capable of measurement of wide band, low to high frequencies
- ●High mechanical strength
- ●Environmentally-resistant

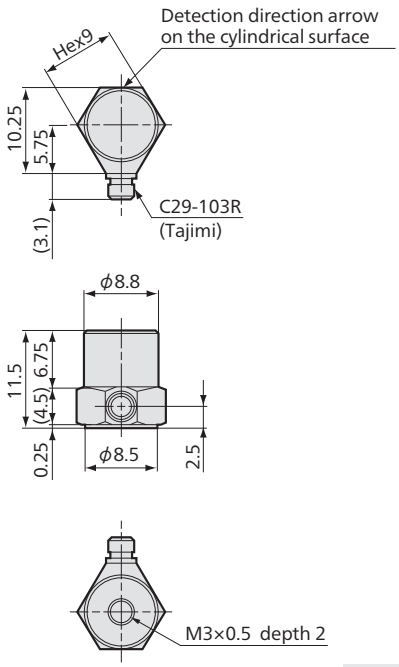
To Ensure Safe Usage

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

■Dimensions



ASPA-A



ASPB-A

BNC connector