

ACCELERATION TRANSDUCERS

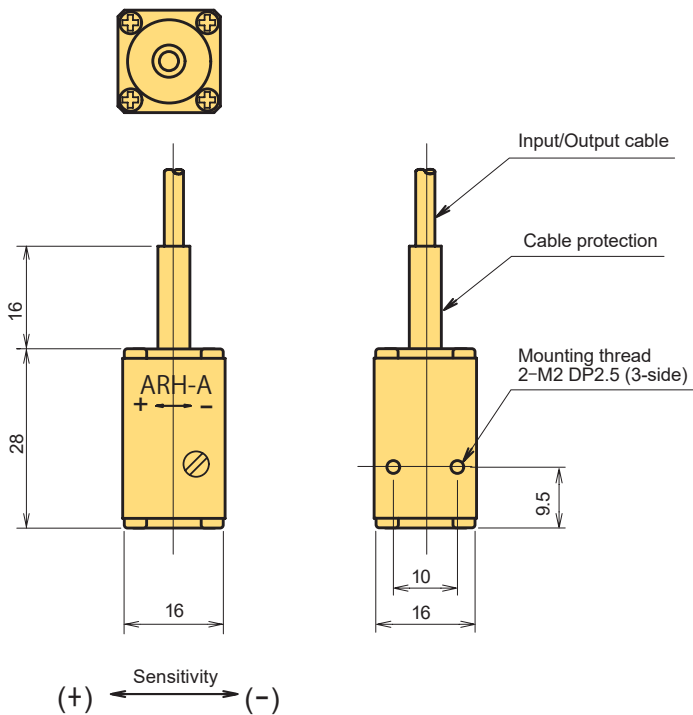
ARH-A Waterproof, Low capacity Acceleration Transducer 10~500m/s²



Waterproof type
Low capacity

The ARH-A acceleration transducer has a waterproof structure. It is installed in water or ground or embedded in concrete. The rigid waterproof structure makes this transducer suitable for use in an adverse environment or for outdoor use.

Protection ratings: IP67 equivalent



■ SPECIFICATIONS

TYPE	ARH-10A	ARH-20A	ARH-50A	ARH-100A	ARH-200A	ARH-500A
Capacity	10m/s ²	20m/s ²	50m/s ²	100m/s ²	200m/s ²	500m/s ²
Rated Output	0.5mV/V(1000×10 ⁻⁶ strain)					
Non-linearity	1%RO					
Frequency response range (※)	DC~50Hz	DC~80Hz	DC~130Hz	DC~180Hz	DC~310Hz	DC~520Hz
Natural frequency	100Hz	150Hz	240Hz	300Hz	520Hz	870Hz
Allowable temperature range	-10 ~ +50°C					
Over load	300%					
Input/Output resistance	120Ω					
Recommended exciting voltage	2V or less					
Allowable exciting voltage	5V					
Water pressure resistive	500kPa					
Weight	18g					

※ Sensitivity deviation ±5%

Input/Output cable : φ3.2mm 0.08mm² 4-core shielded vinyl cable 5m Shield of Input/Output cable is grounded to the body.