



ARE-A-T

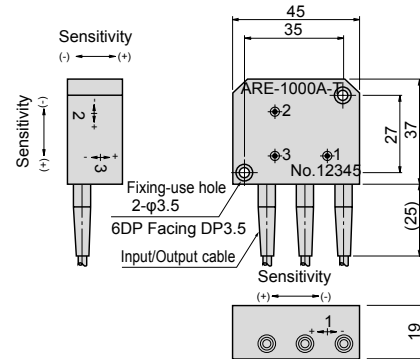
Acceleration Transducer

1000~5000m/s²



The ARE-A-T acceleration transducer measures acceleration in three directions (X, Y and Z) simultaneously. It is small and lightweight and can make high-accuracy measurement with the least interference.

Protection ratings : IP 61 equivalent



Specifications

Type	ARE-1000A-T	ARE-2000A-T	ARE-5000A-T
No. of measurement		3	
Capacity	1000m/s ²	2000m/s ²	5000m/s ²
Rated Output	0.5mV/V (1000×10 ⁻⁶ strain)		
Non-linearity		1%RO	
Frequency response	1.3kHz	2.1kHz	2.1kHz
Natural frequency	2.2kHz	3.5kHz	4.5kHz
Cross sensitivity		3%RO	
Temperature range	-10~+50°C		-10~+60°C
Over load		300%	
Input/Output resistance		120Ω	
Recommended exciting voltage	Less than 2V		
Allowable exciting voltage	5V		
Weight	77g	77g	75g

Input/output cable : ø 3.2mm 0.08mm² 4-core shielded vinyl cable 5m
 Input/output cable is grounded to the body

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