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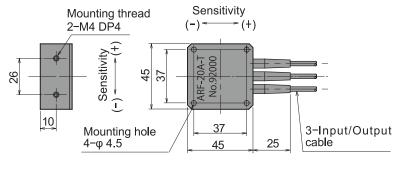
## ARF-A-T

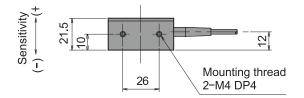
Low capacity Tri-axial Acceleration Transducer 20~500m/s<sup>2</sup>

- General purpose
- Low capacity
- Three directional measurement

The ARF-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: IP61 equivalent







## SPECIFICATIONS

TYPE	ARF-20A-T	ARF-50A-T	ARF-100A-T	ARF-200A-T	ARF-500A-T			
Capacity	20m/s <sup>2</sup>	50m/s <sup>2</sup>	100m/s <sup>2</sup>	200m/s <sup>2</sup>	500m/s <sup>2</sup>			
Rateped Output	0.5mV/V(1000×10 <sup>-6</sup> strain)							
Non-linearity	1%RO							
Frequency response range ( × )	DC~80Hz	DC~130Hz	DC~180Hz	DC~310Hz	DC~520Hz			
Natural frequency	150Hz	240Hz	300Hz	520Hz	870Hz			
Cross sensitivity	3%RO							
Allowable temperature range	-10 ~ +50°C							
Over load	300%							
Input/Output resistance	120Ω							
Recommended exciting voltage	2V or less							
Allowable exciting voltage	5V							
Weight	85g							

Input/Output cable : \$\varphi\$ 3.2mm 0.08mm<sup>2</sup> 4-core shielded vinyl cable 5m Shield of Input/Output cable is grounded to the body.

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