3. 100 Series Accelerometers - Industrial Environment Measurement Model

Dual Case Design with Removable Industrial Connector

- Sensitivities: 10 mV/ ms^{-2} to 30 mV/ ms^{-2}
- Dual case design, high frequency measurement (10%) up to 10 kHz (600000rpm)
- Choices of two matting connectors, straight and 90 degree

Specifications:

Model		Unit	14115	14116	15115	15116
Sensitivity		mV/ms^{-2}	10	10	30	20
Frequency Range	±5%	Hz	0.5~8000	0.5~7000	0.5~4000	0.5~4000
	±10%	Hz	0.35~10000	0.35~8000	0.35~5000	0.5~5000
Resolution		m/s^2	0.001	0.001	0.0004	0.0005
Mounting Resonance		KHz	25	22	16	15
Measurement Range		m/s^2	2500	1000	500	100
Operating Temperature		℃	-50~125			
Case Insulation Resistance		Ω	>1x10^8			
Output Connector			M16 2-pin			
Sealing			IP68			
Weight		gram	85	85	90	90
Dimension	HexxHxC	mm	27x34x47			



Dual Case Design with Integral Cable

- Sensitivities: 10 mV/ ms^{-2} and 30 mV/ ms^{-2}
- 3 mounting methods: regular M6 thread, through hole and magnetic mounting
- Choices of top and side integral cable connection location
- Metal jacket is available for cable protection



Specifications:

Model		Unit	14117	14125	14226	15117
Sensitivity		mV/ms^{-2}	10	10	10	30
Frequency Range	±5%	Hz	0.5~8000	0.5~4000	0.5~4000	0.5~4000
	±10%	Hz	0.35~10000	0.35~5000	0.35~5000	0.5~5000
Resolution		m/s^2	0.001	0.001	0.001	0.0003
Mounting Resonance		KHz	25	29	13	16
Measurement Range		m/s^2	500	500	500	160
Operating Temperature		℃	-50~125			
Case Insulation Resistance		Ω	>1x10^8			
Output Connector			Integral Cable Output			
Sealing			IP68			
Weight		gram	92	115	85	95
Dimension	HexxHxC	mm	27x34x60	25x30x57	25x22x63	27x34x60
Mounting			M5	Magnetic Base	M6 Through Hole	M5

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