



Series "MF"

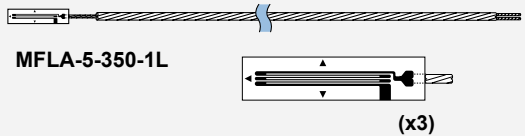


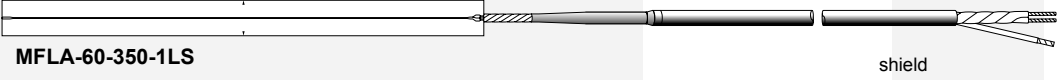
Magnetic Field Strain Gauge



Compatible adhesive & Operational temperature
 CN: - 20~ + 80°C
 CN-E: - 20~ + 80°C RP-2: - 20~ + 80°C

Operational temperature -20~+80°C

MAGNETIC FIELD USE

Gauge pattern	Type	Gauge size	Backing L	Backing W	Resistance in Ω
<p>This gauge is designed for measurement in magnetic field. It uses an element material which exhibits low magnetoresistance. Also its grid is designed to eliminate the influence of induction.</p> <p>•Single-element (G.F. 2.1 approx.) 0.08mm² integral stranded vinyl leadwire of 1m standard Total leadwire resistance per meter : 0.44Ω</p>  <p>MFLA-5-350-1L</p>		L : length W : width (Unit :mm)			
<p>Shielded leadwire φ3.2mm 2-core shielded stranded vinyl leadwire of 1m standard Total leadwire resistance per meter : 0.44Ω</p>  <p>MFLA-5-350-1LS</p>					
<p>for CONCRETE MATERIALS</p> <p>•Single-element (G.F. 2.1 approx.) 0.08mm² integral stranded vinyl leadwire of 1m standard Total leadwire resistance per meter : 0.44Ω</p>  <p>MFLA-60-350-1L</p>					
<p>Shielded leadwire φ3.2mm 2-core shielded stranded vinyl leadwire of 1m standard Total leadwire resistance per meter : 0.44Ω</p>  <p>MFLA-60-350-1LS</p>					
Each package contains 10 gauges.					

Info

• Countermeasure against Noise interference in magnetic field

In case that a magnetic field strain gauge is not used, use a strain gauge with a narrow gauge width. A narrow gauge width reduces the induced voltage on the gauge leads and is preferable to a wide strain gauge. The parallel lead wire used in normal strain measurement are affected by induction. Always use twisted wires. The intertwining of twisted wires cancels out the induced voltage that is generated. Using shielded lead wires also prevents interference from noise.

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