



€ Series "CF"

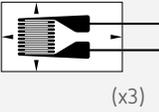


Description

Compatible adhesive & Operational temperature
EA-2A: - 269~ + 50°C
CN: - 196~ + 80°C C-1: - 269~ + 80°C

Operational temperature -269~+80°C
Temperature compensation range approximately -196~+80°C

CRYOGENIC TEMPERATURE USE

Gauge pattern	Type	Gauge size		Backing		Resistance in Ω
		L	W	L	W	
<p>This is a foil gauge having an epoxy resin backing. The sensing element is made of special alloy. The gauge enables stable strain measurement in a cryogenic temperature as well as in a room temperature.</p> <p>● Single-element (G.F. 2.1 approx.)</p> <div style="display: flex; align-items: center;">   </div> <p>CFLA-1-350 CFLA-6-350</p> <p>● 90° 2-element Cross (G.F. 2.1 approx.) Plane type</p>  <p>CFCA-1-350</p> <p>● 45°/90° 3-element Rosette (G.F. 2.1 approx.) Plane type</p>  <p>CFRA-1-350</p> <p>Each package contains 10 gauges.</p>						
Single-element 350Ω	CFLA-1-350-11 -17 -23	1	1.6	5.4	3.2	350
	CFLA-3-350-11 -17 -23	3	1.7	8.8	3.5	350
	CFLA-6-350-11 -17 -23	6	2.2	12.5	4.3	350
90° 2-element Cross, Plane type 350Ω	CFCA-1-350-11 -17 -23	1	1.3	7.2	7.2	350
	CFCA-3-350-11 -17 -23	3	1.7	11.0	11.0	350
45° /90° 3-element Rosette, Plane type 350Ω	CFRA-1-350-11 -17 -23	1	1.3	7.2	7.2	350
	CFRA-3-350-11 -17 -23	3	1.7	11.0	11.0	350

Leadwire-integrated CF series (made-to-order)

Operational temperature range varies with different materials of lead wire outer sheath. Before use, be sure of the temperature range of lead wire.

Lead wires	Operational temperature range	Gauge type example	Colors of Lead wire
3-wire strand FEP sheath wire	-269~+200°C	6F: CFLA-1-350-11-6FA-3LT	Red-Green-Blue (7-core 0.18mm-dia.)
		6F: CFLA-1-350-11-6FB-3LT	Red-Green-Blue (Single-core 0.2mm-dia.)

* Red is independent wire.