



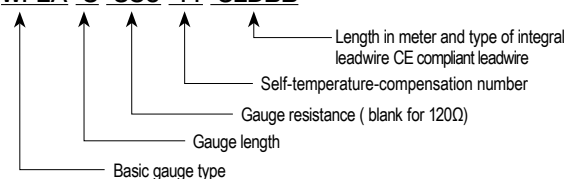
# Waterproof Strain Gauges WF series C€

These gauges eliminate the need for moisture-proofing coating, which is sometimes troublesome in a field test. They have an integral vinyl leadwire, and whole area of the strain gauges and the leadwire junction are coated with epoxy resin. The coating is transparent and flexible, so the positioning and bonding works are very easy. By merely bonding the gauges with CN or P-2 adhesive, outdoor or underwater measurement for a short-term becomes possible. These gauges are also effective in omitting primary coating in case of applying a multi-layer coating.

Operating temperature range	0~+80℃	Applicable adhesives	CN 0~+80℃
Temperature compensation range	+10~+80℃	P-2 0~+80℃	EB-2 0~+80℃

## Example of type number designation


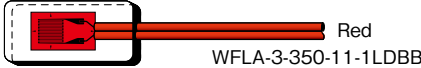
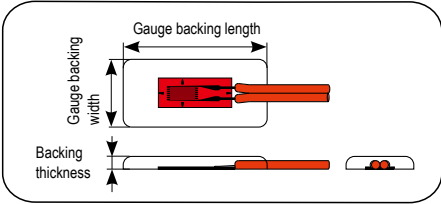
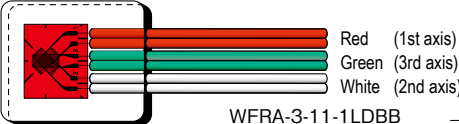
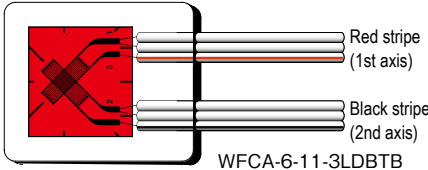
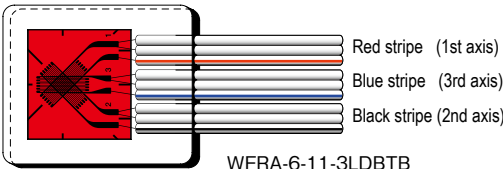
WFLA -3 -350 -11 -3LDBB



## Suffix code for temperature compensation materials

-11: Mild steel (red square) -17: Stainless steel (orange square) -23: Aluminium (green square)

For ordering, the above suffix code should be added to the basic gauge type

Gauge pattern		Type	Gauge size(mm)		Backing size(mm)			Resistance Ω
			Length	Width	Length	Width	Thickness	
<div>●Single axis</div> <div>0.08mm<sup>2</sup> integral vinyl leadwire</div> <div>Total leadwire resistance per meter : 0.44 Ω</div> <div>2-wire system</div> <div><div>WFLA-3-11-1LDBB</div><div>Red</div><div><div>WFLA-3-350-11-1LDBB</div><div>Red</div><div></div></div></div>								
2-wire system	Single element	WFLA-3	3	1.7	17	8	1.5	120
		WFLA-3-350	3	3.2	17	8	1.5	350
		WFLA-6	6	2.2	25	11	1.5	120
	2-element Rosette 0°/90°	WFCA-3	3	1.7	19	16	1.5	120
		WFCA-6	6	2.3	25	21	1.5	120
		3-element Rosette 0°/45°/90°	WFRA-3	3	1.7	19	16	1.5
WFRA-6	6		2.3	25	21	1.5	120	
<div>●0° /45° /90° 3-axis Stacked type</div> <div>2-wire system</div> <div><div>WFRA-3-11-1LDBB</div><div>Red (1st axis)</div><div>Green (3rd axis)</div><div>White (2nd axis)</div></div>								
3-wire system	Single element	WFLA-3	3	1.7	17	8	1.5	120
		WFLA-6	6	2.2	25	11	1.5	120
		2-element Rosette 0°/90°	WFCA-3	3	1.7	19	16	1.5
	WFCA-6		6	2.3	25	21	1.5	120
	3-element Rosette 0°/45°/90°		WFRA-3	3	1.7	19	16	1.5
		WFRA-6	6	2.3	25	21	1.5	120
<div>●0° /90° 2-element stacked Rosette</div> <div>3-wire system</div> <div><div>WFCA-6-11-3LDBTB</div><div>Red stripe (1st axis)</div><div>Black stripe (2nd axis)</div></div>								
<div>●0° /45° /90° 3-axis Stacked type</div> <div>3-wire system</div> <div><div>WFRA-6-11-3LDBTB</div><div>Red stripe (1st axis)</div><div>Blue stripe (3rd axis)</div><div>Black stripe (2nd axis)</div></div>								

Minimum order quantity is 10 strain gauges.

Minimum order quantity is 10 strain gauges.