





ALTHEN

SENSORS & CONTROLS

Description

Compatible adhesive & Operational temperature CN": 0~ + 80°C P-2: 0~ + 80°C

Operational temperature 0~+80°C Temperature compensation range +10~+80°C Quarter bridge with 3-wire system is usable to avoid an unexpected effect of resistance change with temperature.

WATERPROOF STRAIN GAUGE									
Gauge pattern		Туре		Gauge L	Ba L	Backing L W T		Resistance in Ω	
This is F-series gauge having a pre-attached vinyl lead wire and an entire coating with epoxy resin. The coating is transparent and flexible, which ensures				L : leng (Unit : m		width	T : tł	hickn	ess
easy installation of the gauge.	2-wire system	WFLA-3-11 -17 -23		3	1.7	17.0	8.0	1.5	120
 Single-element (G.F. 2.1 approx.) 0.08mm² integral vinyl leadwire Total leadwire resistance per meter : 0.44Ω 	Single element	WFLA-3-350-11 -17 -23		3	3.2	17.0	8.0	1.5	350
2-wire system	90° 2-element Cross Stacked type	WFLA-6-11	-1L -3L -5L	6	2.2	25.0	11.0	1.5	120
WFLA-3-350-11-1L		WECA 2 11		3	1.7	19.0	16.0	1.5	120
WFLA-3-11-1L		WFCA-6-11 -5 -17 -23		б	2.3	25.0	21.0	1.5	120
Width Width	45° /90° 3-element Rosette	WFRA-3-11 -17 -23		3	1.7	19.0	16.0	1.5	120
	Stacked type	WFRA-6-11 -17		6	2.3	25.0	21.0	1.5	120
•45°/90°3-element Rosette (G.F. 2.1 approx.) 2-wire system	3-wire system Single element	WFLA-3-11 -17 -23		3	1.7	17.0	8.0	1.5	120
Red (1st) Green (3rd) White (2nd)		WFLA-6-11 -17 -23		6	2.2	25.0	11.0	1.5	120
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WFRA-3-11-1L	90° 2-element Cross Stacked type 45° /90° 3-element Rosette Stacked type		-3LT						
Single element (G.F. 2.1 approx.) 3-wire system Red stripe		WFCA-3-11 -17 -23	-5LT	3	1.7	19.0 16.0 1	.5 12	20	
WFLA-6-11-3LT		WFCA-6-11 -17 -23	_	6	2.3	25.0 21.0 1	.5 12	20	
●45°/90°3-element Rosette (G.F. 2.1 approx.) 3-wire system		WFRA-3-11 -17 -23		3	1.7	19.0 16.0 1	.5 12	20	
Red stripe (1st) Blue stripe (2nd) Black stripe (3rd)		WFRA-6-11 -17 -23		6	2.3	25.0 21.0 1	.5 12	20	
WFRA-6-11-3LT				Each package contains 10 gauges.					

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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