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Series "ZF"



Description

Compatible adhesive & Operational temperature NP-50: - 20~ + 300°C
C-1: - 20~ + 200°C
CN: - 20~ + 120°C

Operational temperature -20~+300°C Temperature compensation range +10~+100°C

Gauge pattern		Туре	Gauge L	e size W	Back L	ing W	Resistanc Ω
nis is a foil gauge having a polyimide resin backing.			L:len	gth	W : width	(Unit	: mm)
wing to the use of Ni-Cr alloy and special grid design fo e strain sensing element, creep characteristics in high mperature has been much improved.	or	ZFLK-2-11	2	0.5	5.4	1.4	120
Single-element (G.F. 2.1 approx.)		ZFLA-1-11	1	1.8	7.0	3.0	120
	Single- element	ZFLA-3-11	3	1.8	10.5	3.5	120
ZFLA-1 ZFLK-2		ZFLA-6-11	6	2.5	15.5	4.5	120
ZFLA-6		ZFLA-3-60-11	3	0.7	7.7	2.6	60
90°2-element Cross (G.F. 2.1 approx.) Plane type		ZFLA-1-350-11	1	1.7	6.6	3.2	350
	Single- element 350Ω	ZFLA-3-350-11	3	3.2	10.2	5.1	350
ZFCA-1-350	-	ZFLA-6-350-11	6	2.8	16.0	5.5	350
(x3) 45°/90°3-element Rosette (G.F. 2.1 approx.)	90° 2-element Cross,	ZFCA-1-350-11	1	1.7	8.5	8.5	350
Plane type	Plane type 350Ω	ZFCA-3-350-11	3	1.4	10.5	10.5	350
	Stacked type	ZFCAL-1-11	1	1.0	φ	5.4	120
ZFRA-1-350	45° /90° 3-element	ZFRA-1-350-11	1	1.7	8.5	8.5	350
Stacked type (x3)	Rosette, - Plane type 350Ω	ZFRA-3-350-11	3	1.4	10.5	10.5	350
ZFCAL-1 ZFRAL-1	Stacked type	ZFRAL-1-11	1	1.0	φ5	5.4	120



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

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

Lead wires	Operational temperature range	Gauge type exampled	Colors of Lead wire
2-wire Parallel vinyl wire	-20~+80°C	L: ZFLA-3-350-11-3LJC	Grey
3-wire Parallel vinyl wire	-20~+80°C	LT: ZFLA-3-350-11-3LJCT	Blue stripe
Crosslinked vinyl sheath wire	-10~+100°C	LJRT: ZFLA-3-350-11-3LJRTA	Red-Green-Black
3-wire strand FEP sheath wire	-269~+200°C	6F: ZFLA-3-350-11-6FA-3LT	Red-Green-Blue (7-core 0.18mm-dia.)
		6F: ZFLA-3-350-11-6FB-3LT	Red-Green-Blue (Single-core 0.2mm-dia.)
3-wire strand PTFE sheath wire	-269~+200°C (+300°C usable for short time measurement)	4F: ZFLA-3-350-11-4FA-3LT	Red-Black-White (7-core 0.16mm-dia.)
		4F: ZFLA-3-350-11-4FB-3LT	Red-Black-White (Single-core 0.2mm-dia.)

^{*} Red is independent wire.