KFNB

RoHS

Non-inductive Foil Strain Gages

These strain gages use a special alloy with a low magnetic resistance effect as the resistive element, and are structured with a shape that is less susceptible to induction. They can accurately measure even in AC magnetic fields.

Operating Temperature

Operating Temperature	Applicable Adhesives
-196 to 150℃	PC-600
-196 to 120℃	CC-33A

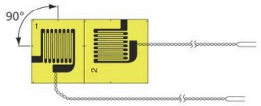
Models

Patterns, Gage Resistance, Gage Factor	Model	Dimensions (mm) Gage (Grid) Length	Gage (Grid) Width	Base Length	Base Width	Remarks
Uniaxial, 350 Ω Resistance: 350 Ω Gage factor: Approx. 2.0	KFNB-5-350-C9-11	5	6.6	12	10	10 gages/pkg
	KFNB-5-350-C9-16	5	6.6	12	10	
	KFNB-5-350-C9-23	5	6.6	12	10	
	KFNB-2-350-C9-11	2	3.5	6	5	
	KFNB-2-350-C9-16	2	3.5	6	5	
	KFNB-2-350-C9-23	2	3.5	6	5	



*The above picture is KFNB-5-350-C9-11.

Patterns, Gage Resistance, Gage Factor	Model	Dimensions (mm) Gage (Grid) Length	Gage (Grid) Width	Base Length	Base Width	Remarks
Biaxial, plane arrangement 350 Ω Resistance: 350 Ω Gage factor: Approx. 2.0	KFNB-5-350-D20-11	5	6.6	22	12	5 gages/pkg
	KFNB-5-350-D20-16	5	6.6	22	12	
	KFNB-5-350-D20-23	5	6.6	22	12	
	KFNB-2-350-D20-11	2	3.5	11	6	
	KFNB-2-350-D20-16	2	3.5	11	6	
	KFNB-2-350-D20-23	2	3.5	11	6	



*The above picture is KFNB-5-350-D20-11.

Types, lengths and codes of lead-wire cables pre-attached to KFNB

	Vinyl-coated normal-temperature low-noise 3-wire cable 
	C9,D20
15 cm	J15C3
30 cm	J30C3
1 m	J1M3
3 m	J3M3
5 m	J5M3
Operating Temperature	-10 to 80℃
Remarks	L-13

*For other lead-wire cable lengths, contact us.

How to order

When ordering, specify the model of the strain gage and the code of the lead-wire cable with a space in between.
E.g. KFNB-5-350-C9-11 with a vinyl-coated normal-temperature low-noise 3-wire cable 5 m long pre-attached
→ **KFNB-5-350-C9-11 J5M3**
If no lead-wire cable code is suffixed, the gage is delivered with 2 polyester-coated copper wires 10 cm long each.