

Non-magneto-resistive Gages

KFNB

| | |
|--|-------------|
| ● Gage Factor | Approx. 2.0 |
| ● Applicable Linear Expansion Coefficients ($\times 10^{-6}/^{\circ}\text{C}$) | 11, 16, 23 |
| ● Self-temperature-compensation Range | 0 to 150°C |

Applicable Adhesives and Operating Temperature Ranges

PC-600: -196 to 150°C
CC-33A: -196 to 120°C

Non-inductive Foil Strain Gages

RoHS

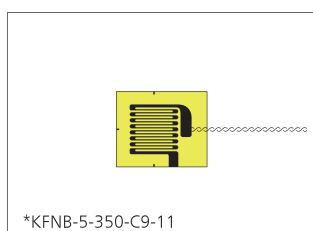
The gage element is made of a special alloy which provides less magneto-resistant effect; also, the shape is designed to eliminate induction. Thus, the KFNB series foil strain gages allow the strain to be measured accurately under AC magnetic environments.

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

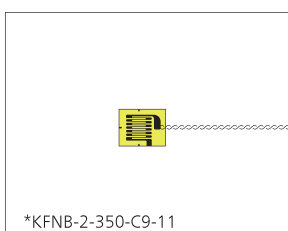
| Type | Vinyl-coated normal-temperature low-noise 3-wire cable |
|-----------------|--|
| Length | C9, D20 |
| 15 cm | J15C3 |
| 30 cm | J30C3 |
| 1 m | J1M3 |
| 3 m | J3M3 |
| 5 m | J5M3 |
| Operating temp. | -10 to 80°C |
| Remarks | L-13 |

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

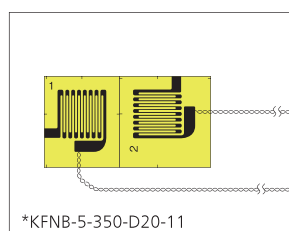
KFNB ● Uniaxial, Biaxial



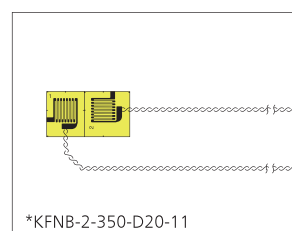
*KFNB-5-350-C9-11



*KFNB-2-350-C9-11



*KFNB-5-350-D20-11



*KFNB-2-350-D20-11

| Models | KFNB-5-350-C9- 11 16 23 | KFNB-2-350-C9- 11 16 23 | KFNB-5-350-D20- 11 16 23 | KFNB-2-350-D20- 11 16 23 |
|-----------------|-------------------------------|-------------------------------|-----------------------------------|-----------------------------------|
| Pattern | Uniaxial | Uniaxial | Biaxial, 0°/90° plane arrangement | Biaxial, 0°/90° plane arrangement |
| Base | 12 × 10 mm | 6 × 5 mm | 22 × 12 mm | 11 × 6 mm |
| Gage (Grid) | 5 × 6.6 mm | 2 × 3.5 mm | 5 × 6.6 mm | 2 × 3.5 mm |
| Resistance | 350 Ω | 350 Ω | 350 Ω | 350 Ω |
| Pieces per Pack | 10 | 10 | 5 | 5 |

When ordering, specify the model number as follows.

KFNB-□-350-□-□ Lead-wire Cable Code

(e.g.) KFNB-5-350-C9-11 J1M3

*Values in □ and lead-wire cable code cannot be arbitrarily combined.

| Lead-wire Cable Type and Shape | Oprg. Temp. | Length | Code |
|---|---------------|--------|------|
| Vinyl-coated normal-temperature low-noise 3-wire cable L-13 | -10 to 80°C | 1 m | J1M3 |
| | | 3 m | J3M3 |
| | | 5 m | J5M3 |
| 2 polyester-coated copper wires 10 cm long | -196 to 150°C | 10 cm | |

*Gage (Grid): Length × Width