



Pattern, Gage Resistance, Gage Factor	Model	Dimensions (mm)				Remarks
		Grid		Base		
		Length	Width	Length	Width	

●KFH Series High-Temperature Foil Strain Gages (250°C)

The base is made of highly heat-resistant polyimide and the gage element is made of NiCr alloy foil, thereby ensuring less thermal output and excellent temperature characteristics.

Appropriate adhesives and operating temperature range, time/temp for curing.
(It changes depending on the condition.)

PC-600 : -196 to 250°C EP-34B : -55 to 200°C PI-32 : -196 to 250°C
24 hours/250°C 120 hours/200°C 24 hours/250°C

■Types, lengths and codes of leadwire cables pre-attached to KFH gages

Type	High/low-temp. 3-wire cable	Glass-coated cable Ni-clad 3-wire copper cable	Fluoroplastic-coated high/low-temp. 3-wire cable
Length	C1,D25		
15 cm	H15C3	B15C3	F15C3
30	H30C3	B30C3	F30C3
50	H50C3	B50C3	F50C3
1 m	H1M3	B1M3	F1M3
2	H2M3	B2M3	F2M3
3	H3M3	B3M3	F3M3
4	H4M3	B4M3	F4M3
5	H5M3	B5M3	F5M3
6	H6M3	B6M3	F6M3
7	H7M3	B7M3	F7M3
8	H8M3	B8M3	F8M3
9	H9M3	B9M3	F9M3
10	H10M3	B10M3	F10M3
15	H15M3	B15M3	F15M3
20	H20M3	B20M3	F20M3
25	H25M3	B25M3	F25M3
30 m	H30M3	B30M3	F30M3
Oprg. temp. range	-196 to 250°C	Normal temp. to 250°C	-196 to 250°C
Remarks	L-17		L-3

When ordering, suffix the leadwire cable code (see table at the right) to the model number with a space in between.

Examples :
KFH-5-120-C1-11 for the gage with a high/low-temperature 3-wire cable 5m long pre-attached.

→ KFH-5-120-C1-11 H5M3

If no leadwire cable code is suffixed, the gage is delivered with an Advanced ribbon cable only(25mm long)

Uniaxial

Resistance : 120Ω

Gage factor (250°C) : Approx. 1.9



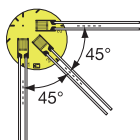
These gages are also available with 350Ω gage resistance, with a slight difference in size from 120Ω gages.

KFH-5-120-C1-11					
KFH-5-120-C1-16	5	2.5	10	3.7	10
KFH-5-120-C1-23					
KFH-2-120-C1-11					
KFH-2-120-C1-16	2	2.5	6	3.7	10
KFH-2-120-C1-23					
KFH-1-120-C1-11					
KFH-1-120-C1-16	1	1.5	4	2.7	10
KFH-1-120-C1-23					
KFH-05-120-C1-11					
KFH-05-120-C1-16	0,5	1,4	3,3	2,7	10
KFH-05-120-C1-23					
KFH-02-120-C1-11					
KFH-02-120-C1-16	0,2	1	2,5	2,2	10
KFH-02-120-C1-23					

Triaxial, 0°/90°/45°

Resistance : 120Ω

Gage factor (250°C) : Approx. 1.9



These gages are also available with 350Ω gage resistance, with a slight difference in size from 120Ω gages.

KFH-1-120-D25-11					
KFH-1-120-D25-16	1	1,5	φ8		A minimum quantity 5 piece
KFH-1-120-D25-23					
KFH-05-120-D25-11					
KFH-05-120-D25-16	0,5	1,4	φ7,5		A minimum quantity 5 piece
KFH-05-120-D25-23					

For further information please contact:

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A minimum quantity 10 piece