

Move into the future with reliable measurements



STRAIN GAGE COLLECTION

General-purpose Strain Gages

KFGS

Strain Gage Model Name

Series designation	Resistance (Ω)	Applicable linear expansion coefficient
KFGS	-5	-120
	D16	-11
		L1M3R

Gage length (mm) Gage pattern Type and length of lead-wire cable

Vinyl-coated flat 3-wire cable L-7, L-10 for 6 m or longer
Vinyl-coated flat 2-wire cable L-6, L-9 for 6 m or longer
Mid-temperature 3-wire cable L-12
Mid-temperature 2-wire cable L-11
Polyester-coated 3-wire 30 cm
50 cm · 1 m
Polyester-coated 2-wire 30 cm
50 cm · 1 m

KFGS-30-120-C1-11
KFGS-20-120-C1-11
KFGS-2-120-C1-23
KFGS-10-120-C1-16
KFGS-2N-120-C1-27
KFGS-6-120-C1-23
KFGS-1-120-C1-11
KFGS-5-120-C1-27
KFGS-1N-120-C1-16
KFGS-4N-120-C1-11
KFGS-03-120-C1-23
KFGS-3-120-C1-16
KFGS-02-120-C1-27
KFGS-1-120-C2-11
KFGS-1-120-C3-11
KFGS-2-120-D1-11
KFGS-2-120-D2-11
KFGS-2-120-D3-11
KFGS-5-120-D16-11
KFGS-2-120-D9-11
KFGS-1-120-D39-11
KFGS-5-120-D17-11
KFGS-2-120-D19-11
KFGS-2-120-D4-11
KFGS-2-120-D6-11

For Residual Stress Measurement Stress For Measurement Shearing Stress Strain Gages for Bolt Axial Force

KFGS-3-120-D28-11
KFGS-2-120-C15-11
KFG-3-120-C20-11
KFG-1.5-120-C20-11

60, 350, 500, 1 KΩ

KFGS-5-60-C1-11
KFGS-2-60-C1-11
KFGS-5-350-C1-11
KFGS-3-350-C1-11
KFGS-2-350-C1-11
KFGS-1-350-C1-11
KFGS-5-500-C1-11
KFGS-5-1K-C1-11
KFGS-2-350-D1-11
KFGS-2-350-D2-11
KFGS-2-350-D31-11
KFGS-5-350-D16-11
KFGS-5-350-D17-11

KFR

KFR-5-120-C1-11
KFR-2-120-C1-11
KFR-1-120-C1-11
KFR-05-120-C1-11
KFR-02-120-C1-11
KFR-015-120-D9-11
KFR-015-120-D19-11
KFGT-5-120-C1-11
KFGT-2-120-C1-11

High-temperature Strain Gages

KFH

(250°C)

KFH-5-120-C1-11
KFH-2-120-C1-11
KFH-1-120-C1-11
KFH-05-120-D25-11
KFH-02-120-C1-11

KFU

(350°C)

KFU-5-120-C1-11
KFU-2-120-C1-11
KFU-2-120-D16-11
KFU-2-120-D17-11

KH

(350°C)

KH-5-350-G4-11

KHCX

(950°C)

KHCX-10-120-G13-11

KHCV

(800°C)

KHCV-5-120-G17

KHCS

(750°C)

KHCS-5-120-G12-11

KHCR

(750°C)

KHCR-5-120-G16

KHCM

(650°C)

KHCM-10-120-G15-11
KHCM-5-120-G15-11

KHC

(550°C)

KHC-20-120-G8-11
KHC-10-120-G8-11
KHC-20-120-G9-11
KHC-10-120-G9-11

Low-temperature Strain Gages

KFL

KFL-30-350-C1-11
KFL-5-120-C1-11
KFL-1-120-D25-11
KFL-05-120-D25-11
KFL-2-120-C1-11
KFL-05-120-C1-11
KFL-1-120-C1-11
KFL-02-120-C1-11

Strain Gages for Printed Circuit Boards

KFRS

KFRS-1-120-C1-13
KFRS-02-120-C1-13
KFRS-02-120-D34-13
KFRS-02-120-D35-13

High-elongation Strain Gages

KFEM

KFEM-10-120-C1
KFEM-5-120-C1
KFEM-2-120-C1
KFEM-1-120-C1

KFEL

KFEL-5-120-C1
KFEL-2-120-C1
KFEL-2-120-D34
KFEL-2-120-D35

Gages for Concrete

KC

KC-120-120-A1-11
KC-80-120-A1-11
KC-70-120-A1-11
KC-60-120-A1-11

KM

KM-120-120-H2-11
KM-30-120-H1-11

Semiconductor Strain Gages

KSN

KSN-2-120-E3-11
KSN-2-120-E4-11
KSN-2-120-E5-11
KSN-2-120-F3-11
KSN-6-350-E4-11

KSP

KSP-2-120-E3
KSP-2-120-E4
KSP-6-350-E4
KSP-1-350-E4
KSP-2-1K-E4
KSP-3-120-F2

KSPL

KSPL-7-60-E4

KSPH

KSPH-4-2K-E4
KSPH-9-10K-E4

For Bending Strain Measurement

KFF

KFF-30-350-C1-11
KFF-30-350-C12-11

Waterproof Strain Gages

KFW

KFW-5-120-C1-11
KFW-5-120-D16-11
KFW-5-120-D17-11

KFWS

KFWS-2N-120-C1-11
KFWS-2-120-D16-11

KCW

KCW-5-120-G10-11

Strain Gages for Composite Materials

KFRP

KFRP-5-120-C1-1
KFRP-2-120-C1-1
KFRP-2-120-D22-1

Strain Gages for Plastics

KFP

KFP-5-120-C1-65
KFP-5-350-C1-65
KFP-2-120-C1-65
KFP-2-350-C1-65

Non-inductive Strain Gages

KFN

KFN-5-350-C9-11
KFN-2-350-C9-11
KFN-5-350-D20-11
KFN-2-350-D20-11

Strain Gages for High-pressure Hydrogen gas Environment

KFV

KFV-2-350-C1

Crack Gages

KV

KV-5C
KV-25B