

Waterproof Strain Gages

KCW

● Gage Factor	Approx. 2.2
● Applicable Linear Expansion Coefficients ($\times 10^{-6}/^{\circ}\text{C}$)	11
● Self-temperature-compensation Range	10 to 90°C
● Flange Size	21×5×0.1mm

Bonding Methods and Operating Temperature Ranges
Spot welding: -20 to 100°C

■ Weldable Waterproof Foil RoHS Strain Gages

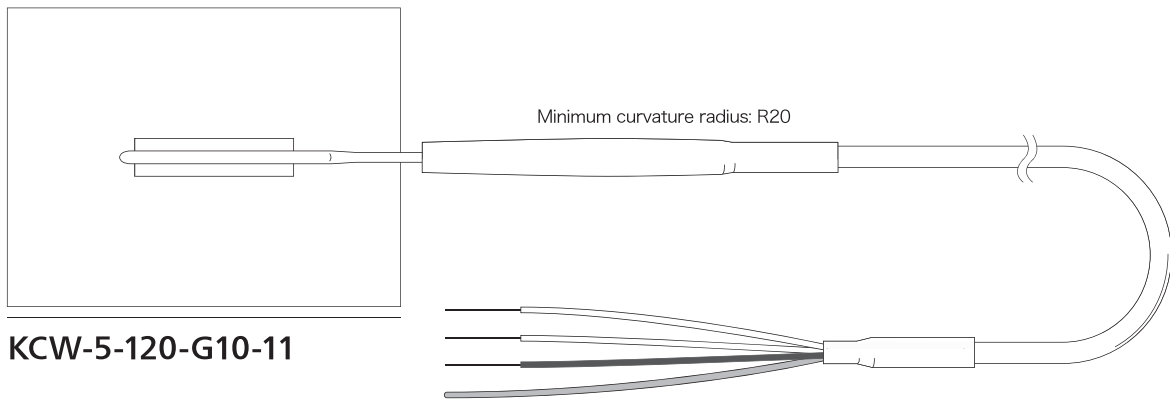
The KCW series foil strain gages are weldable gages, which do not require any coating treatment for use under high pressure or under water. The G10 type endures a water pressure of approximately 10 MPa.

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

Type	Chloroprene 3-wire cable
Length	G10
15 cm	G15C3S
30 cm	G30C3S
1 m	G1M3S
3 m	G3M3S
5 m	G5M3S
Operating temp.	-20 to 100°C

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

KCW ● Uniaxial



Models	KCW-5-120-G10-11
Pattern	Uniaxial
Base	21 × 5 mm
Gage (Grid)	5 mm
Resistance	120 Ω
Pieces per Pack	2

When ordering, specify the model number as follows.

KCW-5-120-G10-11 Lead-wire Cable Code

(e.g.)
KCW-5-120-G10-11 G1M3S

Lead-wire Cable Type and Shape	Oprg. Temp.	Length	Code
Chloroprene 3-wire cable Minimum curvature radius: R20	-20 to 100°C	1 m	G1M3S
		3 m	G3M3S
		5 m	G5M3S

*Gage (Grid): Length