

Gages with a Protector

KCH

RoHS

● Gage Factor Approx. 2.1

Applicable Adhesives and
Operating Temperature Ranges

EP-340: -40 to 100°C
CC-33A: -40 to 100°C

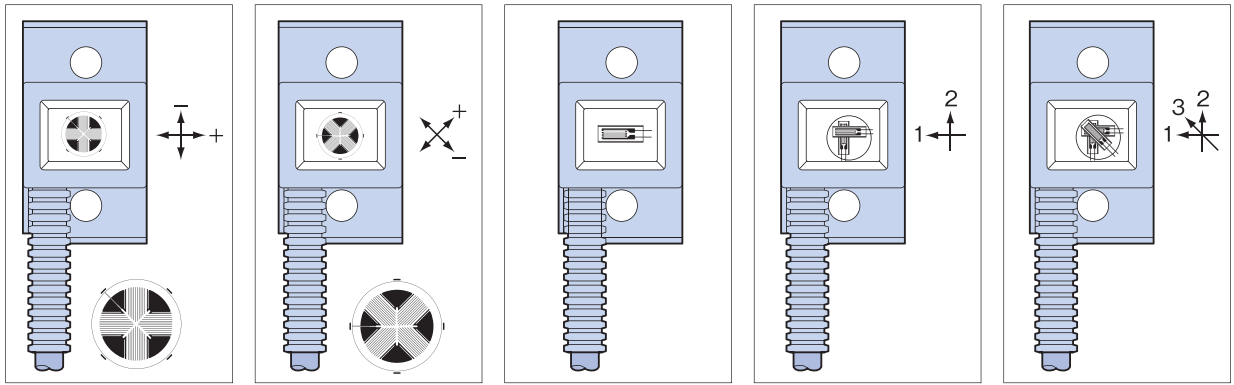


■ Foil Strain Gages with a Protector

The unique design simplifies gage bonding, wiring and moisture-proofing work in the field. In addition, the metal case protects the strain gage and significantly improves reliability compared with conventional gages.

Using stud bolts and adhesive allows the gages to be mounted to the bottom or side plate of a tank for strain measurement, to a hopper or tank for weight measurement, to the shaft of a truck for tare weight measurement or any other similar applications where the gages need to be protected against moisture, water or small stones.

KCH ● Uniaxial, Biaxial, Triaxial



Models	KCH-5A-B KCH-5A-BJ	KCH-5A-S KCH-5A-SJ	KCH-5A-1	KCH-5A-2	KCH-5A-3
Pattern	Full bridge	Full bridge (For shearing strain)	Uniaxial	Biaxial, 0°/90° stacked rosette	Triaxial, 0°/45°/90° stacked rosette
Gage (Grid)	2 mm	2 mm	5 mm	5 mm	5 mm
Resistance	350 Ω	350 Ω	350 Ω	350 Ω	350 Ω
System	Full bridge	Full bridge	3-wire	3-wire	2-wire
Cable	KCH-5A-B and S come with special flexible vinyl-shielded 4-conductor (0.3 mm ²) cable, 6.3 mm diameter by 10 m long, bared at the tip. KCH-5A-BJ and SJ come with special flexible vinyl-shielded 4-conductor (0.3 mm ²) cable, 2 m long (cable cover 1.75 m long) by 6.3 mm diameter (10.2 mm including cable cover) and terminated with waterproof connector jack (R04-P6-M6.8). Relay cables (TN-29 to 33) are optional accessories.		Special flexible vinyl-shielded 4-conductor (0.3 mm ²) cable, 6.3 mm diameter by 10 m long, bared at the tip.	Special flexible vinyl-shielded 6-conductor (0.3 mm ²) cable, 6.8 mm diameter by 10 m long, bared at the tip.	

When ordering,
specify the model number as follows.

KCH-5A-□

Ⓧ KCH-5A-B

● Relay Cables (for KCH-5A-BJ/SJ) (Optional Accessories)

Model	TN-29	TN-30	TN-31	TN-32	TN-33
Cable length	2 m	3 m	7 m	10 m	12 m
Cable cover length	1.5 m	2.5 m	6.5 m	9.5 m	11.5 m
Remarks	With waterproof connector jack (R04-J6-F6.8) Bared at the tip				