

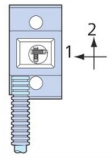
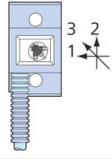
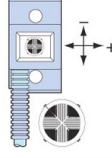
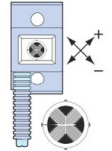
Foil Strain Gages with a Protector

These foil strain gages are protected by a metallic case. Gage-part attached using an adhesive and protector-part attached using a stud bolt (M8) or stainless steel band. They help to make strain gage attachment, wiring, and damp proofing work easier and more consistent in the field, for increased durability and reliability compared with conventional methods.

Operating Temperature

Operating Temperature	Adhesive for gage-part
-40 to 100°C	EP-340
-40 to 100°C	CC-33A

Models

Patterns, Gage Resistance, Gage Factor	Model	Dimensions (mm)			Remarks
		Gage length	Protector		
			Length	Width	
Uniaxial Resistance: 351 Ω ±0.9%, Gage factor: Approx. 2.1 	KCH-5A-1	5	55 ±0.3	30 ±0.2	3-wire system
Special flexible vinyl-shielded 4-conductor (0.3 mm ²) cable, 6.3 mm diameter by 10 m long, bared at the tip.					
Biaxial, 0°/90° stacked rosette Resistance: 351 Ω ±0.9%, Gage factor: Approx. 2.1 	KCH-5A-2	5	55 ±0.3	30 ±0.2	3-wire system
Special flexible vinyl-shielded 6-conductor (0.3 mm ²) cable, 6.8 mm diameter by 10 m long, bared at the tip.					
Triaxial, 0°/45°/90° stacked rosette Resistance: 350 Ω ±0.9%, Gage factor: Approx. 2.1 	KCH-5A-3	5	55 ±0.3	30 ±0.2	2-wire system
Special flexible vinyl-shielded 6-conductor (0.3 mm ²) cable, 6.8 mm diameter by 10 m long, bared at the tip.					
Full bridge Resistance: 350 Ω ±2.9%, Gage factor: Approx. 2.1 	KCH-5A-B	2	55 ±0.3	30 ±0.2	
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	2	55 ±0.3	30 ±0.2	
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 plug (ER04-P6M6.8).					
Full bridge (For shearing) Resistance: 350 Ω ±2.9%, Gage factor: Approx. 2.1 	KCH-5A-S	2	55 ±0.3	30 ±0.2	
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-SJ	2	55 ±0.3	30 ±0.2	
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 plug (ER04-P6M6.8).					

Relay Cables TN (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
Cover length	1.5 m	2.5 m	6.5 m	9.5 m	11.5 m
Remarks	With waterproof connector jack (ER04-J6F6.8), bared at the tip				

How to order

*1 gages/pkg

Load Cell

Pressure
SensorAcceleration
SensorTorque
SensorDisplacement
SensorComponent
Force
SensorAutomotive
SensorCivil
Engineering
Sensor