

Gages for Concrete

KM

- Gage Resistance 120Ω
- Applicable Linear Expansion Coefficient 11
- Self-temperature-compensation Range 0 to 50°C

Operating Temperature Range
-10 to 70°C


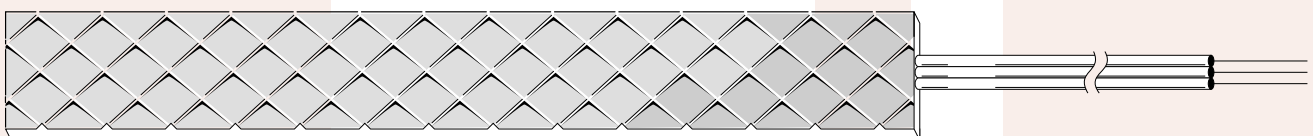
■ Types, lengths and codes of leadwire cables pre-attached to KM gages

Type Length	KM-30 Vinyl-coated flat 2-wire cable	KM-120 Vinyl-coated flat 3-wire cable
	H1	H2
1 m	Y1M2	W1M3
2	Y2M2	W2M3
3	Y3M2	W3M3
4	Y4M2	W4M3
5	Y5M2	W5M3
6	Y6M2	W6M3
8	Y8M2	W8M3
10	Y10M2	W10M3
15	Y15M2	W15M3
20	Y20M2	W20M3
30 m	Y30M2	W30M3
Oprg. temp. range	-10 to 70°C	

■ Embedded Strain Gages

The KM gages are designed to be embedded in mortar or concrete for the purpose of measuring the internal stress. To ensure better adhesion to mortar or the like, the KM gages feature a specially treated surface. They also provide suitable waterproofness and elastic modulus for the intended purpose.

KM Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
KM-30-120-H1-11  Uniaxial foil strain gage <ul style="list-style-type: none"> ● Gage Factor Approx. 1.8 ● Base Size 30 x 9 x 3 mm ● Gage Length 30 mm ● Pieces per Pack 1 	Vinyl-coated flat 2-wire cable	-10 to 70°C	1m	KM-30-120-H1-11 Y1M2
			3m	KM-30-120-H1-11 Y3M2
			5m	KM-30-120-H1-11 Y5M2
KM-120-120-H2-11  Uniaxial wire strain gage <ul style="list-style-type: none"> ● Gage Factor Approx. 2.0 ● Base Size 120 x 15 x 5 mm ● Gage Length 120 mm ● Pieces per Pack 1 	Vinyl-coated flat 3-wire cable	-10 to 70°C	1m	KM-120-120-H2-11 W1M3
			3m	KM-120-120-H2-11 W3M3
			5m	KM-120-120-H2-11 W5M3