Gages for Concrete (KFGS & KC)

-31			1				
	Patterns,	Models			ons (mm)		Remarks
S	Gage Resistance, Gage Factor	Widdels	Gage (G		Bas Length		Remarks
ш	•KFGS Series General-p	urnose Foil Strain Ga					
STRAIN GAGES	RoHS	Listed here are the KFGS series strain measurement of concrete.		ith a s	uitable le	ead-w	ire cable for
		Applicable Adhesives (With vi	nyl-coate	ed flat	cable)		
	*For the types and lengths of lead-wire cables, see pages 1-15 and 1-16.	Operating Temp. after Curing the Adhesive					
		CC-35 –10 to 3	80°C				
	Notes on pre-attached lead-wire cables • Standard color of the 2-wire cable pre-attached to uniaxial gages is red (R). If desired, allows green, yellow or black cable to be pre-attached. • Standard 3-wire cable pre-attached to uniaxial gages has red stripes (R). If desired, allows stripes to be changed to blue or yellow stripes. • In the case of a blaxial gage and triaxial gage, 2-wire cables are color-coded with red, white an stripes for 0°, 90° and 45°, respectively and 3-wire cables, with red, yellow and blue stripes for and 45°, respectively. The letter code is 5 in common.						
	Gage factor: Approx. 2.1	The following models are delivered with	n a vinyl-coa	ted flat	3-wire cabl	le 1 m lc	ng pre-attache
		KFGS-30-120-C1-11 L1M3R	30	3.3	37	5.2	51.
		KFGS-20-120-C1-11 L1M3R	20	5	28	8	
	Biaxial, 0°/90° stacked ro	KFGS-10-120-C1-11 L1M3R	10	3	16	5.2	
		Gage factor: Approx. 2	2.1				
ain Gages							
Dutline	90°	The following model is delivered with a KFGS-10-120-D16-11 L1M3S	a vinyl-coate	ed flat 3 3	wire cable $\phi 2^{2}$		ig pre-attached
	^{90°} Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S	10 Ω	3			ng pre-attacheo
l-wire cable		KFGS-10-120-D16-11 L1M3S Ced rosette Resistance: 120	10 Ω	3			ig pre-attached
Dutline I-wire cable General		KFGS-10-120-D16-11 L1M3S Ced rosette Resistance: 120	10 Ω	3			ig pre-attached
l-wire cable	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S Ced rosette Resistance: 120	10) Ω oprox. 2.1	3	φ2΄	1	
l-wire cable	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S (ed rosette Resistance: 120 Gage factor: A	10) Ω oprox. 2.1	3 ed flat 3	φ2 [*]	1 2 1 m lor	
I-wire cable General	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S Ced rosette Resistance: 120 Gage factor: Ap The following model is delivered with a	10) Ω pprox. 2.1 a vinyl-coate 10	3 ed flat 3 3	φ2 [*]	1 2 1 m lor 1	
I-wire cable General aterproof	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S Ced rosette Resistance: 120 Gage factor: Ap The following model is delivered with a	10) Ω pprox. 2.1 a vinyl-coate 10 Gage (0	3 ed flat 3 3 mensia Grid)	 φ2⁻ wire cable φ2⁻ ons (mm) Bas 	1 2 1 m lor 1 5 e	ng pre-attachec
-wire cable General aterproof ioncrete PCB	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M35 Ted rosette Resistance: 120 Gage factor: A The following model is delivered with KFGS-10-120-D17-11 L1M35	10) Ω pprox. 2.1 a vinyl-coate 10 Gage (0	3 ed flat 3 3 mensia Grid)	φ2 ⁴ -wire cable φ2 ⁴ ons (mm)	1 2 1 m lor 1 5 e	ng pre-attachec
I-wire cable General aterproof ioncrete PCB Plastics	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S aced rosette Resistance: 120 Gage factor: A The following model is delivered with a KFGS-10-120-D17-11 L1M3S Models Featuring a longer gage length,	10) Ω pprox. 2.1 a vinyl-coate 10 Gage (c Length 1 the KC set	3 ed flat 3 3 mensi Grid) Width eries g	-wire cable φ2' φ2' ons (mm) Bas Length ages are b	1 m lor 1 se Width wire st	ng pre-attachec Remarks rain gages
-wire cable General aterproof concrete PCB Plastics -small strain gh temp.	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S ied rosette Resistance: 120 Gage factor: A The following model is delivered with a KFGS-10-120-D17-11 L1M3S Models Featuring a longer gage length, suitable for mean strain measure with the gage length over 3 time	10) Ω pprox. 2.1 a vinyl-coate 10 Gage (t Length 1 the KC se ment of c is longer tl	3 ed flat 3 3 mensi Grid) Width eries g	-wire cable φ2' ons (mm) Bas Length te under t	1 e 1 m lor 1 with Width wire st cest. Us	ng pre-attachec Remarks rain gages ually, a mode
-wire cable General aterproof concrete PCB Plastics -small strain gh temp.	Triaxial, 0°/90°/45° stack	KFGS-10-120-D16-11 L1M3S iced rosette Resistance: 120 Gage factor: A The following model is delivered with a KFGS-10-120-D17-11 L1M3S Models Featuring a longer gage length, suitable for mean strain measure with the gage length over 3 time aggregate is selected for the pure and the suitable for the pure and the suitable for the pure aggregate is selected for the pure set of the suitable for the pure aggregate is selected for the pure set of the set of	10) Ω pprox. 2.1 a vinyl-coate 10 Gage (t Length 1 the KC se ment of c is longer tl	3 ed flat 3 3 mensi Grid) Width eries g	-wire cable φ2' ons (mm) Bas Length te under t	1 e 1 m lor 1 with Width wire st cest. Us	ng pre-attachec Remarks rain gages ually, a mode
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