

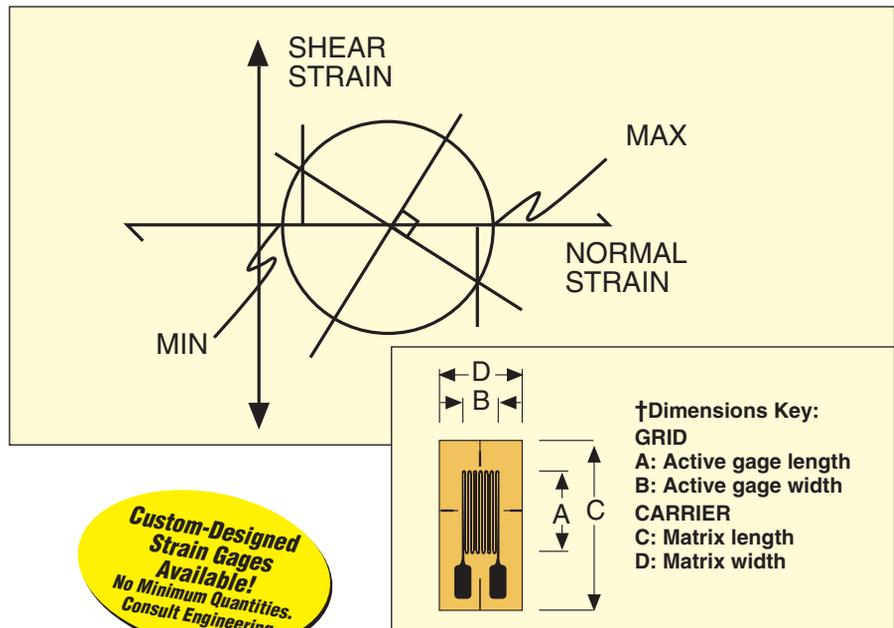
PRECISION STRAIN GAGE



PRE-WIRED, STACKED (ROUND CARRIER) RECTANGULAR ROSETTE

KFG Series Starts at
\$286
 Pkg/10

Rosettes are used to compute the state of stress at a particular point. The plotted results will form a Mohr circle, which gives the value and orientation of principal strains.



Termination

2 Wire: 2 lead wires, 1 m (3') attached
3 Wire: 3 lead wires, 3 m (9') attached (minimize lead wire resistance effects)

Temperature Compensation

STE Steel 10.8ppm/C

Custom-Designed Strain Gages Available!
 No Minimum Quantities. Consult Engineering.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

See Equations on Page 10

MODEL NO.	PRICE PER PKG OF 10	NOM. RESISTANCE (Ω)	DIMENSIONS mm (in) [†]				MAX PERMITTED BRIDGE ENERGIZING VOLTAGE (Vrms)	TERMINATION	TEMP COMP.
			GRID		CARRIER				
			A	B	C	D			
0°/45°/90° ENCAPSULATED WITH 2 LEAD WIRES 1 m (3') LONG—MATCHED TO STEEL									
KFG-1-120-D17-11L1M2S	\$389	120	1.0 (0.039)	1.2 (0.047)	5.0 (0.2)	—	1.5	2 Wire	STE
KFG-2-120-D17-11L1M2S	286	120	2.0 (0.079)	1.3 (0.051)	8.0 (0.31)	—	2	2 Wire	STE
KFG-3-120-D17-11L1M2S	286	120	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	4	2 Wire	STE
KFG-3-350-D17-11L1M2S	419	350	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	15	2 Wire	STE
KFG-5-120-D17-11L1M2S	286	120	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	8	2 Wire	STE
KFG-5-350-D17-11L1M2S	419	350	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	20	2 Wire	STE
0°/45°/90° ENCAPSULATED WITH 3 LEAD WIRES 3 m (9') LONG—MATCHED TO STEEL									
KFG-1-120-D17-11L3M3S	\$523	120	1.0 (0.039)	1.2 (0.047)	5.0 (0.2)	—	1.5	3 Wire	STE
KFG-2-120-D17-11L3M3S	419	120	2.0 (0.079)	1.3 (0.051)	8.0 (0.31)	—	2	3 Wire	STE
KFG-3-120-D17-11L3M3S	419	120	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	4	3 Wire	STE
KFG-3-350-D17-11L3M3S	549	350	3.0 (0.12)	1.3 (0.051)	10.0 (0.39)	—	15	3 Wire	STE
KFG-5-120-D17-11L3M3S	419	120	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	8	3 Wire	STE
KFG-5-350-D17-11L3M3S	549	350	5.0 (0.2)	1.4 (0.055)	11.0 (0.43)	—	20	3 Wire	STE

DISCOUNT SCHEDULE

1 to 10 pkgsNet
 11 to 24 pkgs5%
 25 to 49 pkgs10%
 50 and up and OEM . .Consult Factory

Note: For strain gage accessories see pages 59 to 61.

Ordering Example: KFG-2-120-D17-11L3M3S, package of 10 pre-wired rosette strain gages, encapsulated with 3 lead wires attached to each element, with temperature characteristics matched to steel, \$419.

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