



PRECISION STRAIN GAGE

ROSETTE STRAIN GAGES 0/45/90° AND 0/60/120° RECTANGULAR AND DELTA, 3 ELEMENT

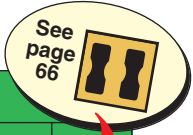
**Custom-Designed
Strain Gages
Available!
No Minimum Quantities.
Consult Engineering.**

OMEGADYNE® offers planar and stacked rosettes. Planar rosettes have all 3 strain gage elements in one plane. Stacked rosettes have the 3 strain gage elements stacked one on top of the other. Consider the difference when you make your strain gage selection. Planar rosettes have some advantages over

stacked rosettes. Planar rosettes tend to be thinner and more flexible. They can be used on curved surfaces and conform better to the irregular surfaces. Reinforcement effects of planar gages are minimized. Planar rosettes have superior heat dissipation capability, and better stability. Stacked rosettes are

thicker and stiffer because you have the multiple layers stacked on top of one another. They do not disperse heat as well when voltage is applied to them.

MOST POPULAR MODELS HIGHLIGHTED!



To Order (Specify Model Number)											
	MODEL NO.	PRICE PER PKG OF 5	NOM. RESISTANCE (Ω)	DIMENSIONS mm (in) [†]				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD
				GRID		CARRIER					
				A	B	C	D				
0/45/90° RECTANGULAR 3 ELEMENT											
 Shown actual size, 16 mm Leads not shown	SGD-3/120-RY11	\$115	120	3.00	2.90	16.00	16.00	5.5	Ribbon Leads	ST	BTP-3
	SGD-3/120-RY13	139	120	Three-element 45° rectangular planar rosette				8	Ribbon Leads	AL	
	SGD-3/120-RY31	129	120	120 Ω				5.5	Solder Pads	ST	
	SGD-3/120-RY33	129	120					8	Solder Pads	AL	
 Shown actual size, 16 mm Leads not shown	SGD-3/350-RY11	\$139	350	3.00	2.90	16.00	16.00	9.5	Ribbon Leads	ST	BTP-3
	SGD-3/350-RY13	139	350	Three-element 45° rectangular planar rosette				13	Ribbon Leads	AL	
	SGD-3/350-RY31	139	350	350 Ω				9.5	Solder Pads	ST	
	SGD-3/350-RY33	129	350					13	Solder Pads	AL	



To Order (Specify Model Number)											
	MODEL NO.	PRICE PER PKG OF 5	NOM. RESISTANCE (Ω)	DIMENSIONS mm (in) [†]				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD
				GRID		CARRIER					
				A	B	C	D				
0/60/120° DELTA 3-ELEMENT											
 Shown actual size, 16 mm Leads not shown	†SGD-3/120-RY41	\$115	120	3.00	2.90	16.00	16.00	5.5	Ribbon Leads	ST	BTP-3
	SGD-3/120-RY43	115	120	Three-element 60° delta planar rosette				8	Ribbon Leads	AL	
	†SGD-3/120-RY71	109	120	120 Ω				5.5	Ribbon Leads	ST	
	†SGD-3/120-RY73	109	120					8	Ribbon Leads	AL	
 Shown actual size, 16 mm Leads not shown	†SGD-3/350-RY41	\$139	350	3.00	2.90	16.00	16.00	9.5	Ribbon Leads	ST	BTP-3
	†SGD-3/350-RY43	139	350	Three-element 60° delta planar rosette				13	Ribbon Leads	AL	
	†SGD-3/350-RY71	129	350	350 Ω				9.5	Solder Pads	ST	
	†SGD-3/350-RY73	129	350					13	Solder Pads	AL	

See Equations on Page 10

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

† For dimensions key, see page 23.
 * Maximum permitted bridge energizing voltage (Vrms).
Note: For strain gage accessories see pages 59 to 61.
Ordering Example: SGD-3/350-RY33,
 350 Ω nominal-resistance strain gage, \$129.

NOTE
 ST = Steel
 AL = Aluminum

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