

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

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

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

multiple layers stacked on top of one another. They do not disperse heat as well when voltage is applied to them.

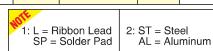
See

MOST POPULAR MODELS HIGHLIGHTED!

Stacked rosette	MOST POPULAR MODELS HIGHLIGHTED!										
To Order (Specify Model	Num	ber)								, L
			NOM. RESIS-					BEAVIE		TEMP	
	MODEL NO.		TANCE (Ω)	A	В	C	D	MAX V* (Vrms)	TERMINATION'	TEMP COMP ²	TERM PAD
0/45/90° REC	TANGULAR 3 ELE	MENT									
Shown actual size, 16 mm	SGD-3/120-RY11		120	3.00	2.90	16.00	16.00	5.5	L	ST	
	SGD-3/120-RY13		120	`		(0.630) (0.630) ement 45°		8	L	AL	BTP-3
	SGD-3/120-RY31		120	rectangular planar rosette 120 Ω				5.5	SP	ST	
	SGD-3/120-RY33		120					8	SP	AL	
Shown actual size, 16 mm	SGD-3/350-RY11		350		0.00	(0.630)	16.00 (0.630)	9.5	L	ST	-BTP-3
	SGD-3/350-RY13		350	,				13	L	AL	
	SGD-3/350-RY31		350			anar rosette		9.5	SP	ST	
	SGD-3/350-RY33		350		350	52		13	SP	AL	

To Order <i>(Specify Model Number)</i>										See Equations on Page 10	
	MODEL NO.	NOM. RESIS- TANCE	GRII	mm	SIONS (in) [†] CARRIER		MAX V*		ТЕМР	TERM	
			(Ω)	A	В	С	D	(Vrms)	TERMINATION1	COMP ²	
0/60/120° DEL	TA 3-ELEMENT										
Shown actual size, 16 mm	†SGD-3/120-RY41		120	3.00	2.90 (0.114) Three-ele delta plana 120	ar rosette		5.5	L	ST	
	SGD-3/120-RY43		120	(0.118)				8	L	AL	BTP-3
	†SGD-3/120-RY71		120					5.5	L	ST	
	†SGD-3/120-RY73		120					8	L	AL	
Shown actual size,	†SGD-3/350-RY41		350	3.00	2.90	16.00	16.00	9.5	L	ST	BTP-3
16 mm	†SGD-3/350-RY43		350	(0.118)	(0.114)	(0.630) ment 60°	(0.630)	13	L	AL	
	†SGD-3/350-RY71		350		lelta plana 350	ar rosette		9.5	SP	ST	511-5
	†SGD-3/350-RY73		350		000	· 		13	SP	AL	

Ordering Example: SGD-3/350-RY33, 350 Ω nominal-resistance strain gage,





[†] For dimensions key, see page 24.
* Maximum permitted bridge energizing voltage (Vrms).
Note: For strain gage accessories see pages 59 to 61.