Transducer-Class® Strain Gages

GAGE PATTERN (Actual size shown. Enlarged when necessary for definition.)	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE

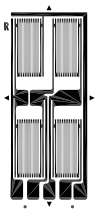
DIMENSIONS (inch / millimeter)

Low-cost full-bridge gage for bending-beam transducers.

†BAL is balanced to ± 0.4mV/V, but RG is 350 ohms ± 15%

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.050	0.260	0.050	0.220
1.28	6.66	1.28	5.64
MATRIX SIZE	0.32 L x 0.25 W	8.2 L x 6.4 W	

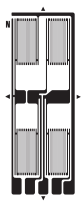
GAGE DESIGNATION	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
J2A-XX-S1425-35B	BAL ± 0.4†	N/A	



Compact full-bridge pattern for use on small, double-bending beams. Axial grid centerline spacing 0.250 in (6.35 mm).

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.465	0.060	0.189
3.18	11.81	1.52	4.80
MATRIX SIZE	0.54 L x 0.26 W	13.7 L x 6.6 W	

GAGE DESIGNATION	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
N2A-XX-S055R-350	350 ± 0.2%	R	E2



Similar to S055R pattern except axial grid centerline spacing 0.330 in (8.38mm).

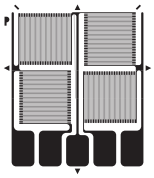
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.545	0.060	0.189
3.18	13.84	1.52	4.80
MATRIX SIZE	0.62 L x 0.26 W	15.8 L x 6.6 W	

GAGE DESIGNATION	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
N2A-XX-S014N-350	350 ± 0.2%	N	E2

Note 1: All products are RoHS compliant.

Transducer-Class® Strain Gages

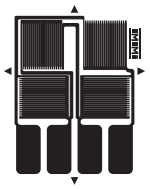
GAGE PATTERN	Actual size shown. Enlarged when necessary for definition.	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
DIMENSIONS	inch / millimeter				



Full-bridge pattern for single-surface gaging of transducers.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.100	0.345	0.120	0.295
2.54	8.76	3.05	7.49
MATRIX SIZE	0.41 L x 0.36 W		10.4 L x 9.1 W

N2A-XX-S056R-350	350 ± 0.2%	R*	E2
N2A-XX-S120P-10C	1000 ± 0.2%	P*	E2

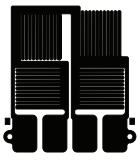


Low-cost full-bridge gage for bending-beam transducers.

†BAL is balanced to ± 0.4mV/V, but RG is 1200 ohms ± 15%.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.070	0.258	0.070	0.195
1.78	6.55	1.78	4.95
MATRIX SIZE	0.31 L x 0.25 W		7.9 L x 6.4 W

N2A-XX-S1449-1KB	BAL ± 0.4†	N/A	E2



Low-cost, full-bridge pattern for bending-beam transducers.

†BAL is balanced to ± 0.4mV/V, but RG is 350 ohms ± 15%.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.070	0.238	0.070	0.190
1.78	6.04	1.78	4.83
MATRIX SIZE	0.27 L x 0.23 W		7.0 L x 5.8 W

N2A-XX-S1612-35B	BAL ± 0.4†	N/A	E2

*Only creep code available for this gage type.

Note 1: All products are RoHS compliant.

Disclaimer

All product specifications and data are subject to change without notice.

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