

9403: SPECIFICATIONS

Parameter	Symbol	Unit of Measure	Specification
			Imperial
Capacities	E_{max}	lb	5K, 10K, 15K, 20K, 30K, 40K, 50K
Accuracy Class			D3
Accuracy Class According to			Non-NTEP
Potentially Explosive Atmospheres options			Factory Mutual
Maximum number of Verification Intervals	n_{ic}		
Minimum Verification Interval	V_{min}		
Combined Error ¹		±%S	0.03
Creep error (20 minutes)		±%S	0.03
Temperature Effect on Zero	TC_0	±%FS/5°C (1°F)	0.0135 (0.0015)
Temperature Effect on Output	TC_S	±%S/5°C (1°F)	0.0072 (0.0008)
Rated Output	FS	mV/V	3 ± 0.003
Compensated Temperature Range	T_{cps}	°C (°F)	-10 to +40 (+14 to +104)
Operating Temperature Range	T_{opr}	°C (°F)	-53 to +93 (-65 to +200)
Environmental Protection			IP67
Cable Length		m (ft)	7.6 (25)
Cable Type			4 Wire Shielded, shield is not connected to load cell body
Zero Balance		±%FS	1.0
Safe Load Limit	E_{lim}	% E_{max}	150
Ultimate Load	E_{ult}	% E_{max}	300
Safe Side Load Limit		% E_{max}	100
Excitation Voltage		Volts AC or DC	10 Recommended, 15 Maximum
Input Resistance		Ohms	700.0 ± 7.0
Output Resistance		Ohms	700.0 ± 7.0
Insulation Resistance at 50 VDC		Mega Ohms	>5000
Element Material		ASTM	Stainless Steel

Notes:

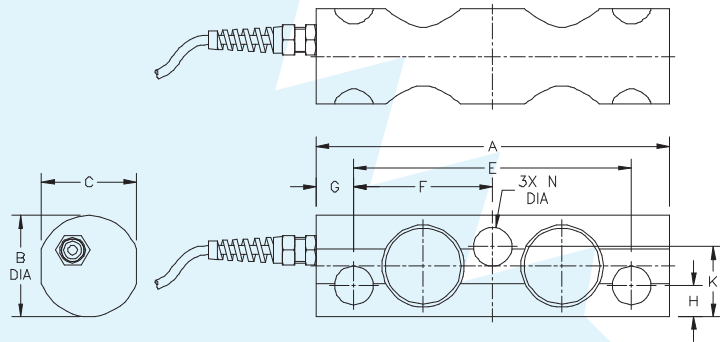
- We continually improve our products and therefore specifications are subject to change without notice.
- The accuracy may be affected if 4-wire load cell cables are shortened.

[1] Includes the effects of Non-Linearity and Hysteresis.

Wiring color code:

Excitation +	Red
Excitation -	Black
Output +	Green
Output -	White
Shield	Transparent

Dimensions in inches	
Capacity	5K- 50K
A	7.00
ØB	2.00
C	1.88
E	5.50
F	2.25
G	0.75
H	0.62
K	1.39
ØN	0.77



Mounting:

Correct mounting of the load cells is essential to ensure optimum accuracy and performance. Further information is available on request.

No Mounts available for 9403.

Attention: All dimension tolerances according to ISO 2768m, unless otherwise specified.

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