

Model WMC Miniature Sealed Stainless Steel Load Cell

Capacities 5-500 lbf

Why the Interface model WMC Miniature Sealed Stainless Steel Load Cell is the best in class:

- Proprietary Interface temperature compensated strain gages
- Tension and compression
- Small size
- Environmentally sealed

STANDARD CONFIGURATION

5 ft Integral Cable

OPTIONS

Extra Cable Length

ACCESSORIES

Instrumentation

Consult factory for more technical information



SPECIFICATIONS

ACCURACY - (MAX ERROR)

Nonlinearity-% FS±0.15
 Hysteresis-% FS±0.15
 Nonrepeatability-% RO±0.05
 Creep, in 20 min-%±0.05

TEMPERATURE

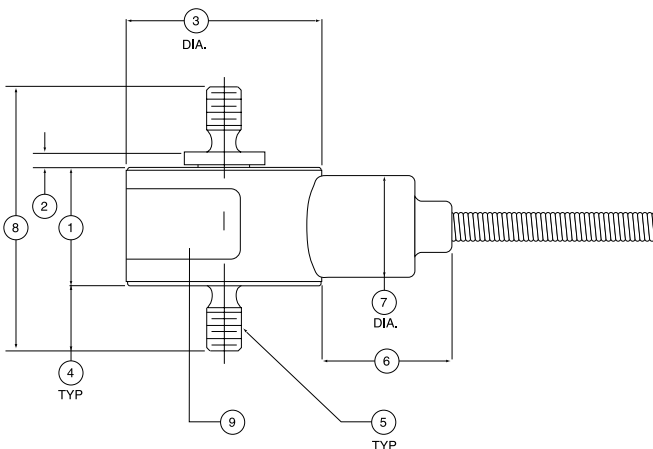
Compensated Range-°F15 to 115
 Compensated Range-°C-10 to 45
 Operating Range-°F-65 to 250
 Operating Range-°C-54 to 121
 Effect on Output-%/°F - MAX±0.002
 Effect on Zero-% RO/°F - MAX±0.005

ELECTRICAL

Rated Output-mV/V (Nominal)2.0
 Zero Balance-% RO±2.0
 Bridge Resistance-Ohm (Nominal)350
 Excitation Voltage - MAX12.0 VDC
 Insulation Resistance - Megohm> 5000

MECHANICAL

CalibrationTension
 Safe Overload-% CAP:
 5,10 lbf150
 25-500 lbf150
 Cable length-ft5



DIMENSIONS

See Drawing	CAPACITY (lbf)					
	5, 10		25, 50, 100		250, 500	
	inch	mm	inch	mm	inch	mm
①	0.45	11.4	0.52	13.21	0.52	13.21
②	0.06	1.5	0.12	3.05	0.03	0.76
③	0.75	19.1	1.00	25.4	1.00	25.4
④	0.25	6.4	0.25	6.4	0.38	9.7
⑤	6-32 UNF		10-32 UNF		1/4-28 UNF	
⑥	0.50	12.7	0.50	12.7	0.50	12.7
⑦	0.39	9.9	0.39	6.4	0.39	6.4
⑧	1.01	25.6	1.14	29.0	1.31	33.3
⑨	label		label		label	