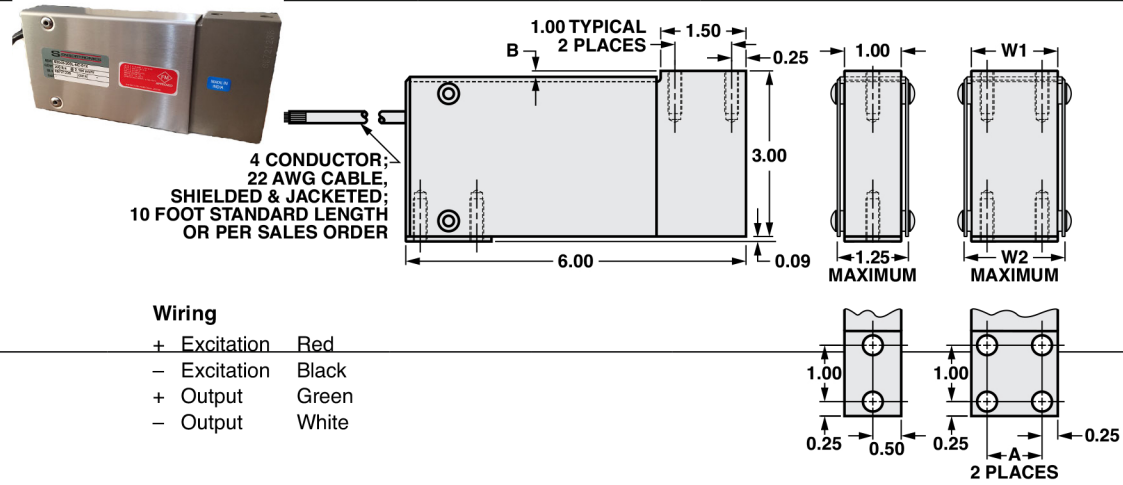


FEATURES

- Rated capacities of 25 to 1000 pounds
- Constructed of alloy steel, stainless steel
- Moment-compensated design for minimal sensitivity to moments induced by off-center loading
- Exceeds NIST H-44 requirements
- Provides optimum protection under adverse loading conditions
- *Sensorgage™* sealed to IP67 standards
- Factory Mutual System Approved for Classes I, II, III; Divisions 1 and 2; Groups A through G. Also, non-incendive ratings (No barriers!)



OUTLINE DIMENSIONS in inches



CAPACITY	W1	W2	A	B	THREAD
25	--	--	--	0.04	1/4-28 UNF-2B THREAD X 0.75 MIN., 4 PLACES
50-100	--	--	--	0.04	1/4-28 UNF-2B THREAD X 0.75 MIN., 4 PLACES
200	--	--	--	0.04	1/4-28 UNF-2B THREAD X 0.75 MIN., 4 PLACES
400-500	1.00	1.25	0.50	0.04	1/4-28 UNF-2B THREAD X 0.75 MIN., 4 PLACES
1k	1.50	1.75	1.00	0.18	5/16-24 UNF-2B THREAD X 0.75 MIN., 8 PLACES

SPECIFICATIONS			
PARAMETER	VALUE	UNIT	
Rated capacity—R.C. (E _{max})	25, 50, 100, 200, 400, 500, 1000	lbs	
NTEP/OIML accuracy class	Non-Approved		
Rated output-R.O.	2.0	mV/V	
Rated output tolerance	+0.25 ... -10%	±% mV/V	
Zero balance	1.0	±% FSO	
Combined error	0.03	±% FSO	
Non-repeatability	0.01	±% FSO	
Creep error (20 minutes)	0.03	±% FSO	
Temperature effect on zero	0.0015	±% FSO/°F	
Temperature effect on output	0.0008	±% of load/°F	
Compensated temperature range	14 to 104 (-10 to 40)	°F (°C)	
Operating temperature range	0 to 150 (-18 to 65)	°F (°C)	
Storage temperature range	-60 to 185 (-50 to 85)	°F (°C)	
Sideloading rejection ratio	500:1		
Safe sideload	30	% of R.C.	
Maximum safe central overload	150	% of R.C.	
Ultimate central overload	300	% of R.C.	
Excitation, recommended	10	VDC or VAC RMS	
Excitation, maximum	15	VDC or VAC RMS	
Input impedance	380-450	Ω	
Output impedance	349-355	Ω	
Insulation resistance at 50 VDC	>1000	MΩ	
Material	Alloy steel, stainless steel		
Environmental protection	IP67		
Moment compensation	25-200 lbs	400-1000 lbs	
Moment sensitivity	0.070	0.050	±% of load/inch
Maximum moment	10 x capacity	15000	lbs-inches
Platform size	20 x 20	30 x 30	inches