

Low Profile Platform Cell



FEATURES

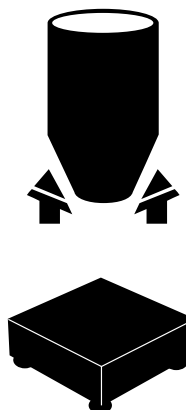
- Rated capacities of 10 to 200 pounds
- Stainless steel construction
- Moment-compensated design for minimal sensitivity to moments induced by off-center loading
- Exceeds NIST H-44 performance requirements
- *Sensorgage*™ sealed to IP67 standards
- *Cell Guard*™ Two Year Warranty
- Factory Mutual System Approved for Classes I, II, III; Divisions 1 and 2; Groups A through G. Also, Non-incendive ratings (No Barriers!).
- ISO 9001:2000 Certified manufacturing facilities

APPLICATIONS

- Single-point platform scales
- Bench, counting and deli scales
- Checkweighing scales
- Hopper scales and netweighing
- Washdown

RATED CAPACITIES
lbs
10, 15, 25, 50, 100, 200

FULL SCALE OUTPUT (FSO)
lbs
2.0 mV/V +25% / -10%



ISO
9001:2000

**Factory
Mutual
System**
Approved





ACCURACY CLASS	
	STANDARD
Max. No. Verification Intervals	--
Combined Error % FSO	≤ 0.03
Nonlinearity % FSO	≤ 0.03
Hysteresis % FSO	≤ 0.02
Creep Error % FSO	≤ 0.03 in 20 minutes
Temperature Effect on:	
• Zero % FSO/°F	≤ 0.0015
• Output % of Load/°F	≤ 0.0008

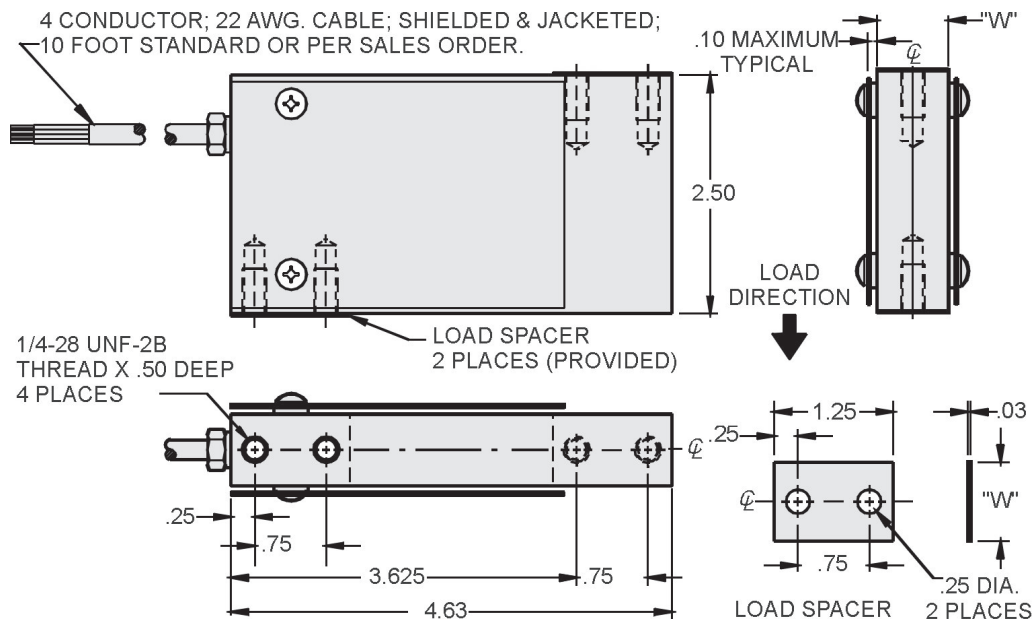
PERFORMANCE SPECIFICATIONS**Non-Repeatability % FSO:** ≤ 0.1 **Zero Balance % FSO:** ≤ 1.0 **Insulation Resistance:** >1000 Mohms at 50 VDC**Compensated Temp. Range:** 14° to 104°F [-10° to 40°C]**Operating Temp. Range:** 0° to 150°F [-18° to 65°C]**Storage Temp. Range:** -60° to 185°F [-50° to 85°C]**Input Resistance:** 380-450 Ohms**Output Resistance:** 349-355 Ohms**Recommended Excitation Voltage:** 10 Volts DC**Maximum Excitation Voltage:** 15 Volts DC**Safe Overload:** 150% of Rated Capacity**Ultimate Overload:** 300% of Rate Capacity**Sealing:** Meets IP67 Standards**Material:** 17-4 PH Stainless Steel

MOMENT COMPENSATION		
	10-25 lbs	50-200 lbs
• Moment Sensitivity (of applied load per inch)	≤ 0.015 %	≤ 0.100 %
• Maximum Moment (lbs-inches)	5 x Capacity	6 x Capacity
• Platform Size (inches)	8 x 10	12 x 12
	10-15 lbs	25-200 lbs
Deflection (inches $\pm 10\%$):	0.014	0.010

CAPACITY		
	W	WEIGHT
10 - 25	0.50	2.0
50 - 200	0.75	2.0

Dimensions are in inches. Capacities are in pounds. Deflection is $\pm 10\%$. Specifications are subject to change. Certified drawings are available.

DIMENSIONAL OUTLINE DRAWING in inches



WIRING

+ Excitation = Red; - Excitation = Black; + Output = Green; - Output = White

VISHAY TRANSDUCERS (VT) - SALES OFFICES

VT Americas
Covina, CA
PH: +1-800-722-0820
FAX: +1-626-332-3418
vt.us@vishaymg.com

VT Canada
Toronto
PH: +1-416-251-2554
FAX: +1-416-251-2690
vt.can@vishaymg.com

VT UK
Basingstoke
PH: +44-125-646-2131
FAX: +44-125-647-1441
vt.uk@vishaymg.com

VT Sweden
Karlskoga
PH: +46-586-630-00
FAX: +46-586-630-99
vt.se@vishaymg.com

VT Germany
Heilbronn
PH: +49-7131-3901-260
FAX: +49-7131-3901-2666
vt.de@vishaymg.com

VT France
Chartres
PH: +33-2-37-33-31-20
FAX: +33-2-37-33-31-29
vt.fr@vishaymg.com

VT Spain
Madrid
PH: +34-91-7218890
FAX: +34-91-7219056
vt.es@vishaymg.com

VT Finland
Jorvas
PH: +358-(0)9-8194-220
FAX: +358-(0)9-8194-2211
vt.fi@vishaymg.com

VT Norway
Oslo
PH: +47-22-21-40-70
FAX: +47-22-21-92-10
vt.no@vishaymg.com

VT Israel
Netanya
PH: +972-9-863-8888
FAX: +972-9-863-8800
vt.il@vishaymg.com

VT China
Tianjin
PH: +86-22-2835-3503
FAX: +86-22-2835-7261
vt.prc@vishaymg.com

VT Taiwan*
Taipei
PH: +886-2-2696-0168
FAX: +886-2-2696-4965
vt.roc@vishaymg.com
*Asia except China

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