

Interchangeable Products

NCI®/WEIGH-TRONIX®

Mark V—

Specifications**Full Scale Output:**

2.0 mV/V nominal

Output Resistance:

349-355 ohms

Input Resistance:

350-450 ohms

Material/Finish:

Stainless steel

Temperature:Operating range
0°F to 150°F (-18°C to 65°C)**Seal Type:**

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5- 10 V DC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:50 lb-100 lb=0.013 in (0.33 mm)
200 lb=0.015 in (0.38 mm)
400 lb-500 lb=0.023 in (0.58 mm)
1,000 lb=0.016 in (0.41 mm)**Cable Length:**10 ft (3.1 m)
25 ft (7.6 m) - pn 17514**Cable Diameter:**

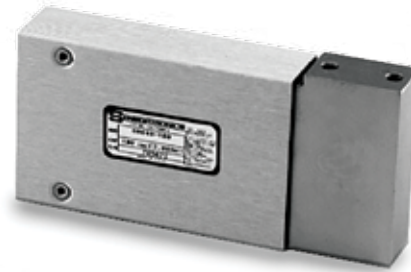
0.200 polyurethane jacket

Cable Color Code:Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

One-year limited warranty

Approvals:

cFMus

**APPROVALS****Dimensions**

Picture is a representation of actual product

Rated Capacity	T	B	C	D	E	F	G	H
lb/in								
50-200	1/4-28 UNF x 0.75 DP	1.25	1.00	3.00	6.00	1.00	1.50	—
400-500	1/4-28 UNF x 0.75 DP	1.25	1.00	3.00	6.00	1.00	1.50	0.50
1,000	5/16-24 UNF x 0.75 DP	1.75	1.50	3.00	6.00	1.00	1.50	1.00
kg/mm								
22.7-90.7	1/4-28 UNF x 0.75 DP	31.8	25.4	76.2	152.4	25.4	38.1	—
181.4-226.8	1/4-28 UNF x 0.75 DP	31.8	25.4	76.2	152.4	25.4	38.1	12.7
453.6	5/16-24 UNF x 0.75 DP	44.5	38.1	76.2	152.4	25.4	38.1	25.4

Order Information

Load Rating	Part#	Est. Weight	Price
50 lb	17421	4 lb	Consult
100 lb	17423	4 lb	Consult
200 lb	17425	4 lb	Consult
400 lb	17427	5 lb	Consult
500 lb	17429	5 lb	Consult
1,000 lb	17431	6 lb	Consult
1,000 lb	17514 *	7 lb	Consult
Adapters			
Adapter kit	400 lb & 500 lb	25562	Consult
Single adapter	25 lb-200 lb	17683	Consult

PN25562 is needed to convert 400 lb-500 lb (181.4 kg-226.8 kg) capacity cells to these bases

PN 17683 is needed to use the 60048 load cell in NCI model 3255 and 3256 bases,

50 lb-200 lb (11.3 kg-90.7 kg) capacities

*25ft cable

