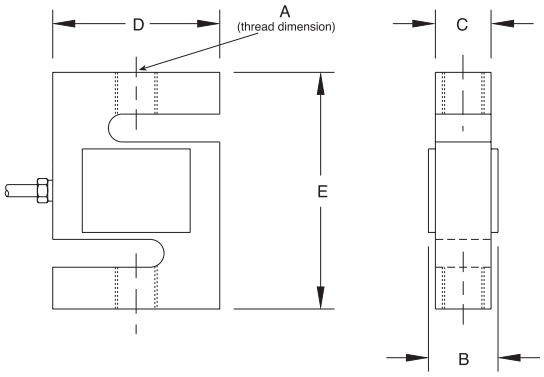
RL20001 S-Beam, Alloy Steel
NTEP 1:10,000 III L Single Cell, IP67



RATED CAPACITY	DIMENSIONS A1	B	C	D	E
lb/inches					
250	3/8-24 UNF-2B	.75	.50	2.00	3.00
500-2000	1/2-20 UNF-2B	1.00	.75	2.00	3.00
2500-3000	1/2-20 UNF-2B	1.25	1.00	2.00	3.00
5000	3/4-16 UNF-2B	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.25	1.00	3.50	4.75
15,000	1-14 UNS-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/mm					
113.4	3/8-24 UNF-2B	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF-2B	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF-2B	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF-2B	31.8	25.4	76.2	108.8
4535.9	3/4-16 UNF-2B	31.8	25.4	88.9	120.7
6803.9	1-14 UNS-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

SPECIFICATIONS:

Full Scale Output: **3.0 mV/V**
Bridge Resistance: **350 ohms, nominal**
Material/Finish: **High-alloy steel, nickel plated**
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C
Seal Type: Environmentally-sealed, IP67
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V max.)
Nonlinearity: 0.03% Full scale
Hysteresis: 0.02% Full scale
Insulation Resistance: 5000 megohms
Cable Length: 20'/6.1 m
Cable Color Code: Red.....+ Excitation
Black.....– Excitation
Green.....+ Signal
White .....– Signal
Warranty: 2-year limited warranty

RL20001 ORDER INFORMATION

Load Rating		Part #	Suggested List Price
250 lb	(113.4 kg)	21402	$275.00
500 lb	(226.8 kg)	21403	$275.00
750 lb	(340.2 kg)	21404	$275.00
1000 lb	(453.6 kg)	21405	$275.00
1500 lb	(680.4 kg)	21406	$275.00
2000 lb	(907.2 kg)	21407	$275.00
2500 lb	(1134.0 kg)	21408	$275.00
3000 lb	(1360.8 kg)	21409	$315.00
5000 lb	(2268.0 kg)	21410	$440.00
10,000 lb	(4535.9 kg)	21411	$440.00
15,000 lb	(6803.9 kg)	21412	$555.00
20,000 lb	(9071.9 kg)	21413	$875.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Celtron ..... (see page 178)	STC
Vishay Sensortronics ..... (see page 294)	60001

WEIGH MODULE AVAILABLE

Model	Page #
ITCM Isolated Tension Cell Mount	360