

RL20000I

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 III/1:10,000 IIII, IP67



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	21428	2 lb	Consult
50 lb	21429	2 lb	Consult
75 lb	21430	2 lb	Consult
100 lb	21431	2 lb	Consult
150 lb	21432	2 lb	Consult
200 lb	21433	2 lb	Consult
250 lb	21434	2 lb	Consult
300 lb	21435	2 lb	Consult
500 lb	21436	2 lb	Consult
750 lb	21437	2 lb	Consult
1,000 lb	21438	2 lb	Consult
1,500 lb	21439	2 lb	Consult
2,000 lb***	21356	2 lb	Consult
2,000 lb	21440	2 lb	Consult
2,500 lb	21441	2 lb	Consult
3,000 lb	21442	4 lb	Consult
5,000 lb***	17044	4 lb	Consult
5,000 lb	21443	4 lb	Consult
10,000 lb	21444	4 lb	Consult
15,000 lb	21445	7 lb	Consult
20,000 lb***	17045	17 lb	Consult
20,000 lb	21446	17 lb	Consult
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	Consult
3/8-24 to 1/4-18 NPT	31534*	1 lb	Consult
Replacement Agriculture Scale Load Cell - 40 ft Cable			
10,000 lb	151746	5 lb	Consult

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit
 ***These load cells have 30ft or 35ft of cable and trimmed outputs and are used in many batch plants

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
25 to 300	1/4-28 UNF	0.75	0.50	2.00	2.50
500 to 1,500	1/2-20 UNF	1.00	0.75	2.00	2.50
2,000 to 2,500	1/2-20 UNF	1.25	1.00	2.00	2.50
3,000	1/2-20 UNF	1.25	1.00	3.00	4.00
5,000 to 10,000	3/4-16 UNF	1.25	1.00	3.00	4.00
15,000	1-12 UNF	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00

Interchangeable Products

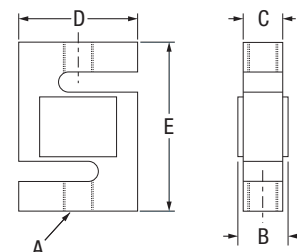
ARTECH®
20210 (1-14 UNF) (15,000 lb thread is 1-12 UNF for Rice Lake model)

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
ITCM Isolated Tension Cell Mount..... page 28

Specifications

- Full Scale Output:** 3.0 mV/V
- Output Resistance:** 350 (± 3) ohm
- Input Resistance:** 385 (± 5) ohm
- Material/Finish:** High-alloy steel, nickel plated
- Temperature:** Compensated range 14 °F to 104 °F (-10 °C to 40 °C)
 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 to 10 VDC (15 V maximum)
- Combined Error:** 0.02% full scale
- Insulation Resistance:** 5,000 megohm
- Cable Length:** 20 ft
 30 ft (pn 17044 and 17045)
 35 ft (pn 21356)
- Cable Diameter:** 0.200 in
 Polyurethane jacket
- Cable Color Code:** Red +Excitation
 Black -Excitation
 Green +Signal
 White -Signal
- Warranty:** Two-year limited
- Approvals:** NTEP 90-158
 cFMus



RICE LAKE
LOAD CELLS