

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Multiple Cell, OIML C3, IP68

Interchangeable Products

FAIRBANKS®

63215.....LCF-HR4020-1

FAIRBANKS®

82052.....—

Specifications

Full Scale Output:

2.0 mV/V ± 0.07%
Matched outputs via mV/V/ohm calibration

Output Resistance:

351 (±1) OHM
P/N 170734 1,000 (± 2) ohm

Input Resistance:

400 (±15) OHM
P/N 170734 1,100 (± 50) ohm

Material/Finish:

Stainless steel

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, IP68

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

± 0.03% full scale

Insulation Resistance:

10,000 megohms

Deflection at Capacity:

5 kN=0.008 in (0.2 mm)
10 kN=0.012 in (0.31 mm)
20 kN=0.02 in (0.5 mm)
50 kN=0.012 in (0.31 mm)

Cable Length:

5 kN-20 kN=10 ft (3.1 m)
50 kN-100 kN=15 ft (4.6 m)

Cable Diameter:

0.196 polyurethane jacket

Cable Color Code:

Green + Excitation
Black – Excitation
White + Signal
Red – Signal
Yellow Shield

Warranty:

One-year limited warranty

Approvals:

FM
NTEP
OIML

APPROVALS



Picture is a representation of actual product

Dimensions

Rated Capacity	H1	H2	L	R	W	W1
kN/in						
250	7.56	1.22	2.44	10.98	2.83	1.46
400	8.86	1.34	2.72	14.02	3.35	1.46
lb/mm						
56,000	192.0	31.0	62.0	279.0	72.0	37.0
90,000	225.0	34.0	69.0	356.0	85.0	37.0

Order Information

Load Rating	Part#	Est. Weight	Price
250 kN*	36217	8 lb	Consult
400 kN	36218	10 lb	Consult
50,000 lb**	170734	8 lb	Consult
Accessories			
Conduit adapter, 1/2-14 NPT	17703	1 lb	Consult
Load cup**, upper (250 kN only)	71602	–	Consult
Load cup**, lower (250 kN only)	44290	–	Consult
Anti-rotation pin (zinc plated)	110816	–	Consult
Anti-rotation pin (stainless steel)	152649	–	Consult

*For Mettler-Toledo® digital to analog conversion: requires replacement of all system load cells, junction box, and instrumentation; consult factory. Kit on page 104.

**1,000 ohm bridge

