

Interchangeable Products

FAIRBANKS®

63215.....LCF-HR4020-1

FAIRBANKS®

82052.....—

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

351 (± 1) ohms

Input Resistance:

400 (± 15) ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
-40°F to 150°F (-40°C to 65°C)

Safe Overload:

200% full scale

Safe Sideload:

200% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Hermetically sealed, IP69K

Cable Length:

250 kN-35 ft (10 m)
400 kN-60 ft (18 m)
*50,000 lb-15 ft overbraid

Cable Diameter:

0.307 polyurethane jacket

Cable Color Code:

Green.....+ Excitation
Black.....- Excitation
White.....+ Signal
Red.....- Signal
Yellow.....Shield

Warranty:

One-year limited warranty

Approvals:



Available
upon
request



Dimensions

Picture is a representation of actual product

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**	56,000 lb	36217	8 lb	Consult
400 kN	90,000 lb	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
Stainless overbraid cable				

**For Mettler-Toledo® digital to analog conversion: requires replacement of all system load cells, junction box, and instrumentation; consult factory. Kit on page 84.

