

RL75058 Double-Ended Beam

Alloy Steel



STANDARD FEATURES

- Center link loading and compatibility with the Unilink or similar suspension systems
- Full scale output: 3.0mV/V
- Bridge resistance: 700 ohms, nominal
- High-alloy steel, nickel plated
- Environmentally sealed, IP67

APPROVALS



SPECIFICATIONS

FULL SCALE OUTPUT:

3.0mV/V

BRIDGE RESISTANCE:

700 ohms, nominal

MATERIAL/FINISH:

High-alloy steel, nickel plated

TEMPERATURE:

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

SAFE OVERLOAD:

150% Full scale

RATED EXCITATION:

10VDC (15V maximum)

NONLINEARITY:

0.03% Full

HYSTERESIS:

0.02% Full scale

INSULATION RESISTANCE:

5000 megohms

SEAL TYPE:

Environmentally sealed, IP67

CABLE LENGTH:

35ft (10.6m)

CABLE COLORING:

Red + Excitation
Black - Excitation
Green + Signal
White - Signal

WARRANTY:

Two-year limited warranty

DIMENSIONS

RATED CAPACITY

lb/inches

	A	C	D	E	F	G	H	J	K	L	T
10,000-25,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70	1/4-18 NPT
40,000	.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT

kg/mm

4536.1-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
18,143.7	20.6	49.3	62.0	260.4	215.9	49.0	25.4	28.5	50.8	53.3	1/4-18 NPT
22,679.6-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4-56,699.1	41.2	73.7	98.0	387.4	323.9	79.5	38.1	45.7	83.8	87.1	1/2-14 NPT

LOAD RATING

PART

NTEP 1:10,000

20,000lb (9071.9kg)	34314
25,000lb (11,339.8kg)	34315
40,000lb (18,143.7kg)	34316
50,000lb (22,679.6kg)	34317
60,000lb (27,215.5kg)	34318
75,000lb (34,019.4kg)	34319
100,000lb (45,359.4kg)	34320
125,000lb (56,699.1kg)	34321

Non-NTEP

10,000lb (4536.0kg)	41890
---------------------	-------

60 ft Cables

50,000lb (22,679.6kg)	53417
75,000lb (34,019.4kg)	39516
*75,000lb (34,019.4kg)	73839
125,000lb (56,699.1kg)	96944

100 ft Cables

75,000lb (34,019.4kg)	74725
-----------------------	-------

* Stainless steel overbraid

