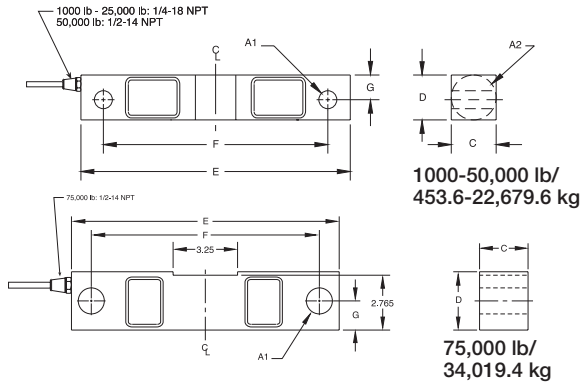


RL75016 Double-Ended Beam, Alloy Steel

IP67



Picture is a representation of actual product



SPECIFICATIONS:

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	150% Full scale
Safe Sideload:	100% Full scale
Rated Excitation:	10V DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	2000 megohms
Deflection at Capacity:	1000-3000 lb = .01"/.3 mm, 5000 lb = .015"/.4 mm, 10,000-20,000 lb = .022"/.6 mm, 25,000 lb = .036"/.9 mm, 50,000 lb = .052"/1.3 mm, 75,000 lb = .07"/1.8 mm
Seal Type:	Environmentally sealed, IP67
Cable Length:	25'/7.6 m
Cable Diameter:	.200 Polyurethane Jacket 1K-25K .305 Polyurethane Jacket 50K-75K
Cable Color Code:	Red..... + Excitation Black..... - Excitation Green..... + Signal White..... - Signal
Warranty:	Two-year limited warranty
Approvals:	

DIMENSIONS

Rated Capacity	A1	A2	C	D	E	F	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
75,000	1.31	—	2.44	2.94	13.50	11.50	1.47
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	38.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1	37.3

RL75016 Order Information

Load Rating	Part #	Price
1000 lb (453.6 kg)	17300	Consult
1500 lb (680.4 kg)	17302	Consult
2000 lb (907.2 kg)	17304	Consult
2500 lb (1134.0 kg)	17306	Consult
3000 lb (1360.8 kg)	17308	Consult
5000 lb (2268.0 kg)	17309	Consult
10,000 lb (4535.9 kg)	17311	Consult
15,000 lb (6803.9 kg)	17313	Consult
20,000 lb (9071.9 kg)	17315	Consult
25,000 lb (11,339.8 kg)	17317	Consult
50,000 lb (22,679.6 kg)	17319	Consult
*75,000 lb (34,019.4 kg)	25357	Consult

* 75,000 lb capacity has a square center

Interchangeable Products

Manufacturer	Model	Page #
Vishay Celtron	DSR	189
Vishay Sensortronics	65016	304
Vishay Revere Transducers	5203	

Weigh Module Available

Model	Page #
RL1600 Series	68 and 70