

RL30002 Thru Hole

Alloy Steel, NTEP Certified 1:5000 III Class III Multiple Cell, IP67

Interchangeable Products

VPG TEDEA-HUNTLEIGH®

3410.....

ARTECH®

30210.....**Specifications****Full Scale Output:**

3.0mV/V

Bridge Resistance:

350 ohms, nominal

Material/Finish:

High-alloy steel, nickel plated

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

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

1,000 lb=0.013 in (0.33 mm)

2,000 lb to 3,000 lb=0.015 in (0.38 mm)

4,000 lb to 5,000 lb=0.025 in (0.64 mm)

Cable Length:

20 ft (6.1 m)

Cable Diameter:

200 polyurethane jacket

Cable Color Code:

Red+ Excitation

Black.....- Excitation

Green.....+ Signal

White- Signal

Warranty:

Two-year limited warranty

Approvals:**Dimensions***Picture is a representation of actual product*

Rated Capacity	A3*	B	C	D	E	F	G	H
lb/in								
1,000-5,000 SE**	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
kg/mm								
453.6-2,268.0 SE**	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7

Order Information

Load Rating	Part#	Est. Weight	Price
RL30002 NTEP Certified, Thru-Hole Design			
1,000 lb	21521	3 lb	Consult
2,000 lb	21522	3 lb	Consult
2,500 lb	21523	3 lb	Consult
4,000 lb	21524	3 lb	Consult
5,000 lb SE*	21525	3 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

* Dimension A1 is identical to A3 on the RL30002 thru-hole model

** SE refers to small envelope

*** PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

