# RL30002 Thru Hole

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

# Interchangeable Products VPG TEDEA-HUNTLEIGH® 3410..... ARTFCH® 30210.....

# **Specifications**

## **Full Scale Output:**

3.0 mV/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**

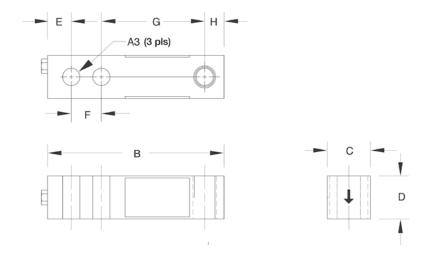
Picture is a representation of actual product

Rated Capacity	A3*	В	C	D	E	F	G	Н
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	453.6 kg	21521	3 lb	Consult				
2,000 lb	907.2 kg	21522	3 lb	Consult				
2,500 lb	1,134.0 kg	21523	3 lb	Consult				
4,000 lb	1,814.4 kg	21524	3 lb	Consult				
5,000 lb SE*	2,268.0 kg	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					

<sup>\*</sup> Dimension A1 is identical to A3 on the RL30002 thru-hole model



<sup>\*\*</sup> SE refers to small envelope

<sup>\*\*\*</sup> PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit