

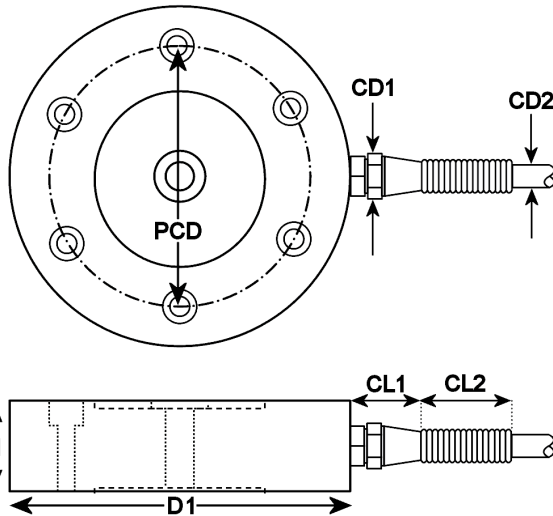
# BDI TENSION/COMPRESSION LOAD CELL

## DESCRIPTION:

This tension/compression load cell can be used in a variety of applications. Ideally suited for laboratory experiments where accurate force measurements are required, this load cell contains a fully active Wheatstone bridge strain gage configuration and plugs directly into the STS-WiFi System.

## KEY FEATURES:

- ±22,000 lb Range
- High Accuracy
- Easy to use
- Weather resistant
- Stainless Steel Construction



<b>Range</b>	±22kips (±10,000kgf)
<b>D1</b>	5.98"
<b>H</b>	1.77"
<b>PCD</b>	4.53"
<b>Top</b>	8 X M10x1.5
<b>Center Thread</b>	M24x3.0

## Specifications

<b>STS Supplied Excitation</b>	5V	<b>Temperature Coefficient (zero)</b>	0.001% F.S. / °F (typical)
<b>Excitation/Supply Calibrated</b>	10V	<b>Temperature Coefficient (span)</b>	0.001% F.S. / °F (typical)
<b>Output</b>	2mV/V ±10%	<b>Operating Temperature Range</b>	-4°F to 140°F
<b>Zero Balance</b>	2% F.S.	<b>Compensated Temperature Range</b>	-14°F to 104°F
<b>Bridge Resistance</b>	700Ω nominal	<b>Ingress Protection (IP)</b>	65
<b>Linearity Error</b>	±0.03% F.S.	<b>Over Range Capacity</b>	50%
<b>Hysteresis</b>	±0.03% F.S.	<b>Major Construction Material</b>	Steel
<b>Repeatability</b>	±0.03% F.S.	<b>Cable Length</b>	20ft cable w/ Intelliducer plug