

Low Profile Single Point

Applications

- Platform and bench scales
- Conveyor scales
- Retail, package and postal weighing

Features

- Small size with low profile
- Fully-sealed for water resistance
- Anodized aluminum alloy construction
- NTEP Class III 5,000S available from 3 kg to 30 kg
- OIML C3 available from 6 kg to 35 kg

Description

- LPS is designed for electronic bench scales and platform scales where only one load cell can be used and low profile is required. It is the lightest model of Celtron single point load cell family. The design is most suitable for mass production operations.
- LPS is constructed of anodized aluminum and is fully potted IP65 levels, providing excellent protection against moisture ingress.
- LPS Interchangeable products:

- Rice Lake Weighing Systems RL1521
- BLH C2G1
- Fairbanks 4900 Series Checkweighers
- NMB C2G1
- Tedea-Huntleigh 1022

Specifications

Standard Capacity	0.6, 1, 2, 3, 6, 10, 15, 20, 30, 35, 60, 100, 200kg *		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	2 mV/V±10% +	Zero Balance	±3%
Combined Error	0.025%	Input Resistance	410±10Ω
Non Repeatability	0.02%	Output Resistance	350± 3Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 MΩ
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<1mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	150%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	200%
*1:60/100/200kg build to order only		+ :1m V/V for 1kg and below	

All Specifications Listed Subject To Change Without Notice