Single-Point Stainless Steel Load Cell

FEATURES

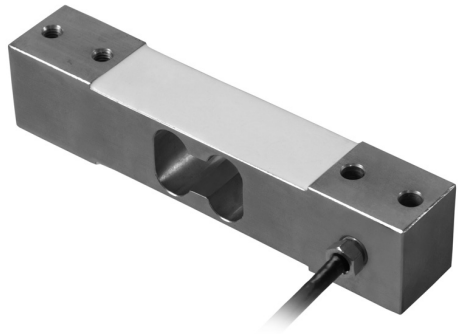
- Capacity range: 10–100 kg
- Stainless steel construction
- Single-point 350 × 350 mm platform
- IP66 protection

APPLICATIONS

- Retail scales
- Counting scales
- Bench scales
- Harsh environments

DESCRIPTION

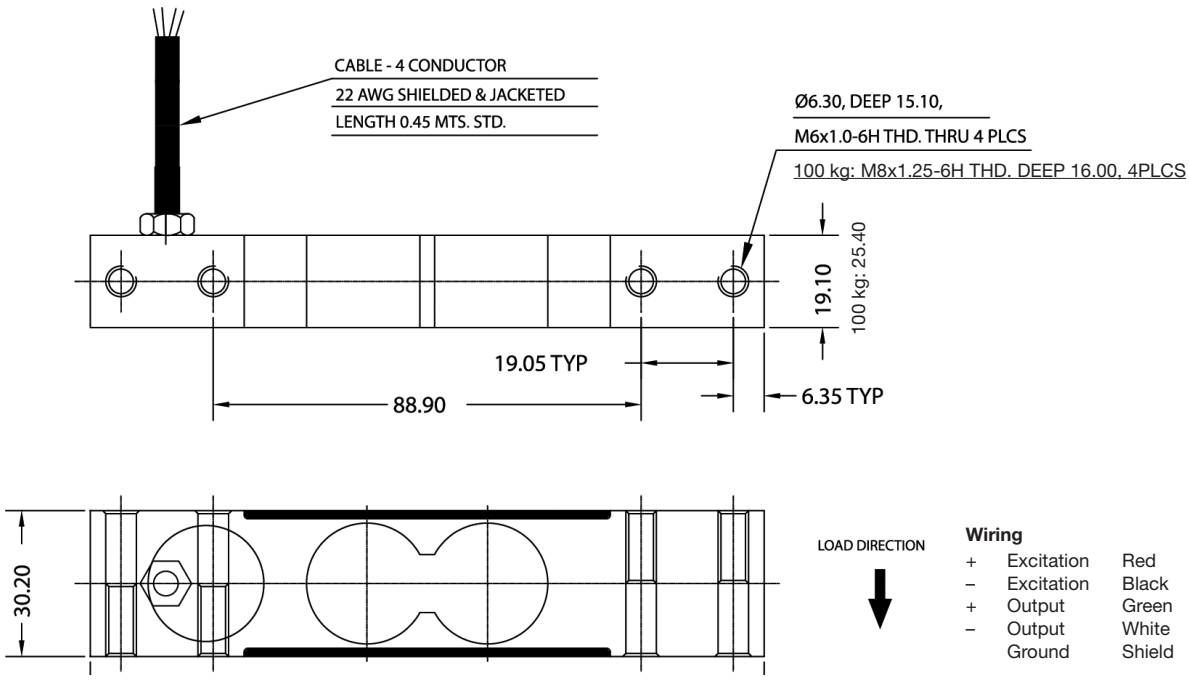
The Model 93006 is a low profile single-point load cell designed for direct mounting in retail, bench, and counting scales and a wide range of other scale applications.



Its small physical size combined with high accuracy and low cost makes this load cell ideally suited for new scale construction.

This load cell's stainless steel construction makes it ideal for use in corrosive and wet environments that are not appropriate for common aluminum load cells.

OUTLINE DIMENSIONS in millimeters



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Single-Point Stainless Steel Load Cell

SPECIFICATIONS		
PARAMETER	**VALUE**	**UNIT**
Rated capacity—R.C. (Emax)	10, 20, 30, 40, 60, 100	kg
Rated output–R.O.	2.0	mV/V
Rated output tolerance	10	± %FSO
Zero balance	1	± %FSO
Combined error	<0.025	± %FSO
Non-repeatability	<0.010	± %FSO
Creep error (30 minutes)	<0.025	± %FSO
Temperature effect on zero	<0.002	± %/°C
Temperature effect on output	0.001	± %/°C
Operating temperature range	–20 to +70	°C
Maximum safe central overload	150	% FSO
Ultimate central overload	300	% FSO
Excitation, recommended	10	VDC
Excitation, maximum	15	VDC
Input impedance	430–525	Ω
Output impedance	349–355	Ω
Insulation resistance at 50 VDC	>1000	MΩ
Material	Stainless steel with electropolish	
Environmental protection	IP66	
Platform size	350 × 350	mm

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