

# 355—Cantilever Beam Load Cell

## FEATURES

- Capacities 5—500Kg
- Sealed to IP68.
- Accuracy 0.03% RO.

## APPLICATIONS

- Low profile platforms.
- Marine & hybrid scales.
- Process Control.
- Belt weighers.



## DESCRIPTION

The SB-355 is a welded bending beam load cell manufactured in stainless steel construction. The 355 is welded sealing to enable it to be used for a wide range of applications in process weighing.

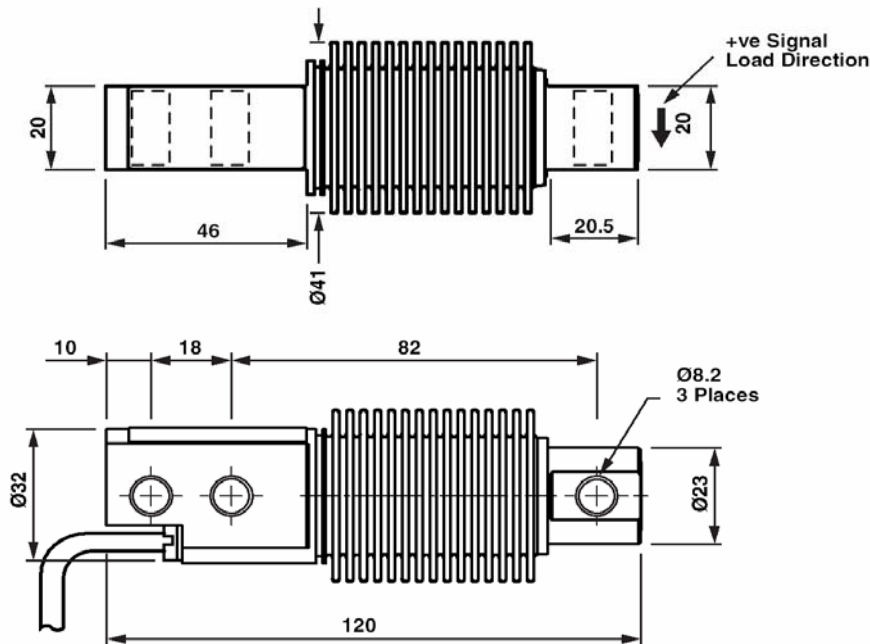
Optional mounting kits are available.

## TYPICAL SPECIFICATION

PARAMETER	VALUE	UNITS
Capacities Range	0... 5, 10, 20, 30, 50, 100, 200, 250, 500.	kg
Rated Output	2.0 ±0.2%	mV/V
Linearity & non repeatability	0.03	±% of Rated Output
Zero Return after 30 minutes	0.05	±% of Applied Load
Zero Balance	±0.2	mV/V
Temperature Range: Operating	-20 to +70	°C
Temperature Range: Compensated	-10 to +40	
Temperature Effect: On Output	0.004	±% of Rated Output/°C
Temperature Effect: On zero	0.007	±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	300	% of Rated Capacity
Excitation: Recommended	10	Volts AC or DC
Excitation: Maximum	15	
Input Impedance	380 nominal	ohm
Output Impedance	350 nominal	ohm
Insulation Resistance	>2	GΩ at 50VDC
Deflection at Rated Capacity	N/A	mm
Weight (approximate) :	N/A	kg
Construction	Stainless Steel	
Environmental Protection	IP68	
Cable	3m 6 core screened	

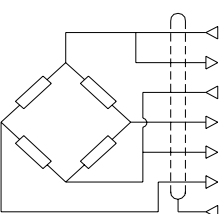
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## OUTLINE DIMENSIONS in millimeters



NOTE: If the dimensions or specifications do not suit your application, PCM have an in-house design service that should satisfy your requirements.

### WIRING DETAIL

Dynamometer	OUTPUT	CABLE
	EXCITATION+ SENSE + EXCITATION - OUTPUT+ SENSE - OUTPUT- -----	Blue Green Black White Grey Red Shield*

### LOADING MODE

