



Precision Transducers Ltd.



Model PT8000

BENDING BEAM

5kg~500kg

APPLICATIONS

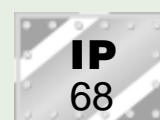
- Wash down and harsh environments
- Weighing & packaging machines
- Belt weighing
- Low profile platform scales
- Marine scales
- Food industry



FEATURES

- Industry standard size and shape
- Capacities 5~500kg
- 3 year warranty
- Stainless steel hermetically welded sealing to IP68
- ISO 9001 certified manufacturing facilities

<http://www.precisiontransducers.com>





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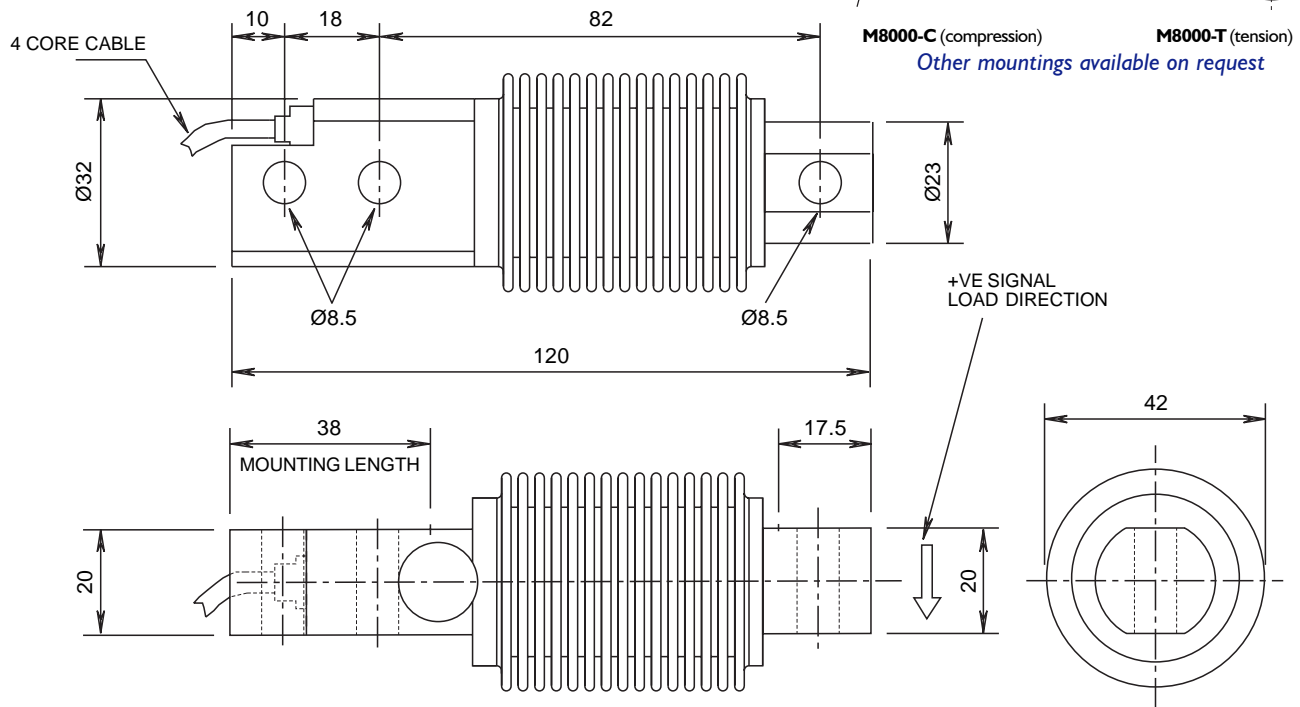
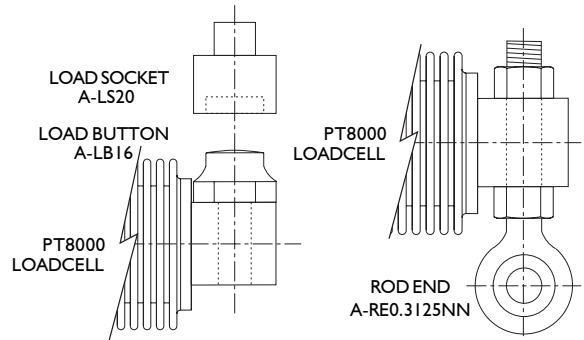
5kg~500kg

Ordering Information

Capacity	Model
5kg	PT8000-5kg
10kg	PT8000-10kg
20kg	PT8000-20kg
50kg	PT8000-50kg
100kg	PT8000-100kg
200kg	PT8000-200kg
250kg	PT8000-250kg
500kg	PT8000-500kg

Cable Colour Code

Excitation +ve	Red
Excitation -ve	Black
Signal +ve	Green
Signal -ve	White



Specifications

Zero Balance	< 2.00 % FSO	Safe Load	150% of Rated Capacity
Combined Error	< 0.020 % FSO	Ultimate Load	300% of Rated Capacity
Creep Error	< 0.017 in 30 minutes % FSO	Deflection at Rated Capacity	< 0.4mm
Temperature Effect on Output	< 0.0010 % FSO	Weight	0.35kg
Temperature Effect on Zero	< 0.0014 % FSO	Cable Type	4 conductor polyurethane jacket with screen (not connected to load cell body)
Rated Output ($\pm 0.1\%$)	2.0 mV/V $\pm 0.1\%$	Cable Length	3 m standard
Compensated Temperature Range	-10° to 40° C	Environmental Protection	IP68 Standards
Operating Temperature Range	-30° to 80° C	Material	Stainless Steel
Input Impedance	415 ± 15 Ohms		
Output Impedance	350 ± 3 Ohms		
Insulation Impedance	> 5000 Mohms at 100 VDC		
Excitation Voltage (recommended)	5-12 Volts AC or DC		
Excitation Voltage (maximum)	15 Volts AC or DC		



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Sales & Product Information

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Due to Precision Transducer's policy of continuous development, these specifications are subject to change without notice.