



Precision Transducers Ltd.



Model PT2000

LOW CAPACITY SINGLE POINT

5kg~100kg

APPLICATIONS

- Single-point platform scales
- Check weighing scales
- Belt conveyor scales
- Hopper scales & net weighing
- Bench scales
- Platform sizes to 400 x 400mm



FEATURES

- Marine grade anodised
- Low sensitivity to off-center loading
- Replacement for Teda 1040 and Sensortronics 65089
- Overload protection facility built-in
- 3 year warranty
- Protected with **SURESEAL™**
- ISO 9001 certified manufacturing facilities

<http://www.precisiontransducers.com>

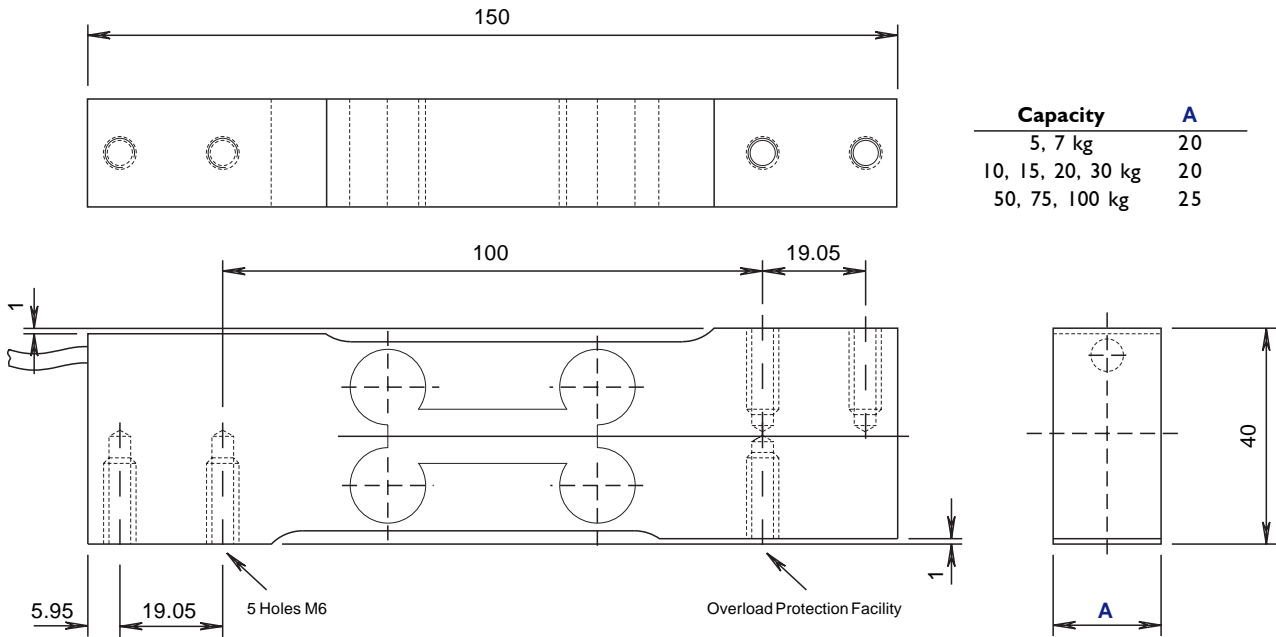




Model PT2000

LOW CAPACITY SINGLE POINT

5kg~100kg



| Capacity | A |
|-------------------|----|
| 5, 7 kg | 20 |
| 10, 15, 20, 30 kg | 20 |
| 50, 75, 100 kg | 25 |

Dimensions are shown in millimeters and capacities are in kgs/metric tons

Ordering Information

| Capacity | Model |
|----------|--------------|
| 5kg | PT2000-5kg |
| 7kg | PT2000-7kg |
| 10kg | PT2000-10kg |
| 15kg | PT2000-15kg |
| 20kg | PT2000-20kg |
| 30kg | PT2000-30kg |
| 50kg | PT2000-50kg |
| 75kg | PT2000-75kg |
| 100kg | PT2000-100kg |

Specifications

| | |
|---|--|
| Rated Output ($\pm 10\%$) | 2.0 mV/V |
| Total Error ⁽¹⁾ | 0.0300 $\pm\%$ of Applied Load |
| Zero Return after 30 mins | 0.0500 $\pm\%$ of Applied Load |
| Temperature Effect (On Output/ $^{\circ}\text{C}$) | 0.0030 $\pm\%$ of Applied Load |
| Temperature Effect (On Zero/ $^{\circ}\text{C}$) | 0.0100 $\pm\%$ of Applied Load |
| Eccentric Loading (effect/cm) | 0.0074 $\pm\%$ of Applied Load |
| Zero Balance | 3.0 $\pm\%$ of Rated Output |
| Temperature Range (Operating) | -30 $^{\circ}$ to +70 $^{\circ}\text{C}$ |
| Temperature Range (Compensated) | -10 $^{\circ}$ to +40 $^{\circ}\text{C}$ |
| Safe Overload | 150 $\pm\%$ of Rated Capacity |
| Ultimate Overload | 300 $\pm\%$ of Rated Capacity |
| Excitation (Recommended) | 10 Volts AC or DC |
| Excitation (Maximum) | 15 Volts AC or DC |
| Input Impedance | 390 \pm 15 Ohms |
| Output Impedance | 350 \pm 3 Ohms |
| Insulation Impedance | >5000 MegaOhms |
| Deflection at Rated Capacity | < 0.4 mm |
| Weight | 0.3 kg |
| Construction | Anodised Aluminium |
| Cable Type | 4 conductor floating screen |
| Cable Length | 2 Metres |
| Environmental Protection | Standard: IP66 |

⁽¹⁾ Total Error: According to OIML R60

Cable Colour Code

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



Precision Transducers Ltd.

Sales & Product Information

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| | | |
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<http://www.precisiontransducers.com>



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

Manufactured in New Zealand

04/02m