

Single-Point Alloy Steel Load Cell

FEATURES

- Capacity: 100 to 1500 kg
- Alloy steel construction
- Single-point 900 × 900mm platform
- IP66 protection
- **Optional**
 - Stainless steel construction



APPLICATIONS

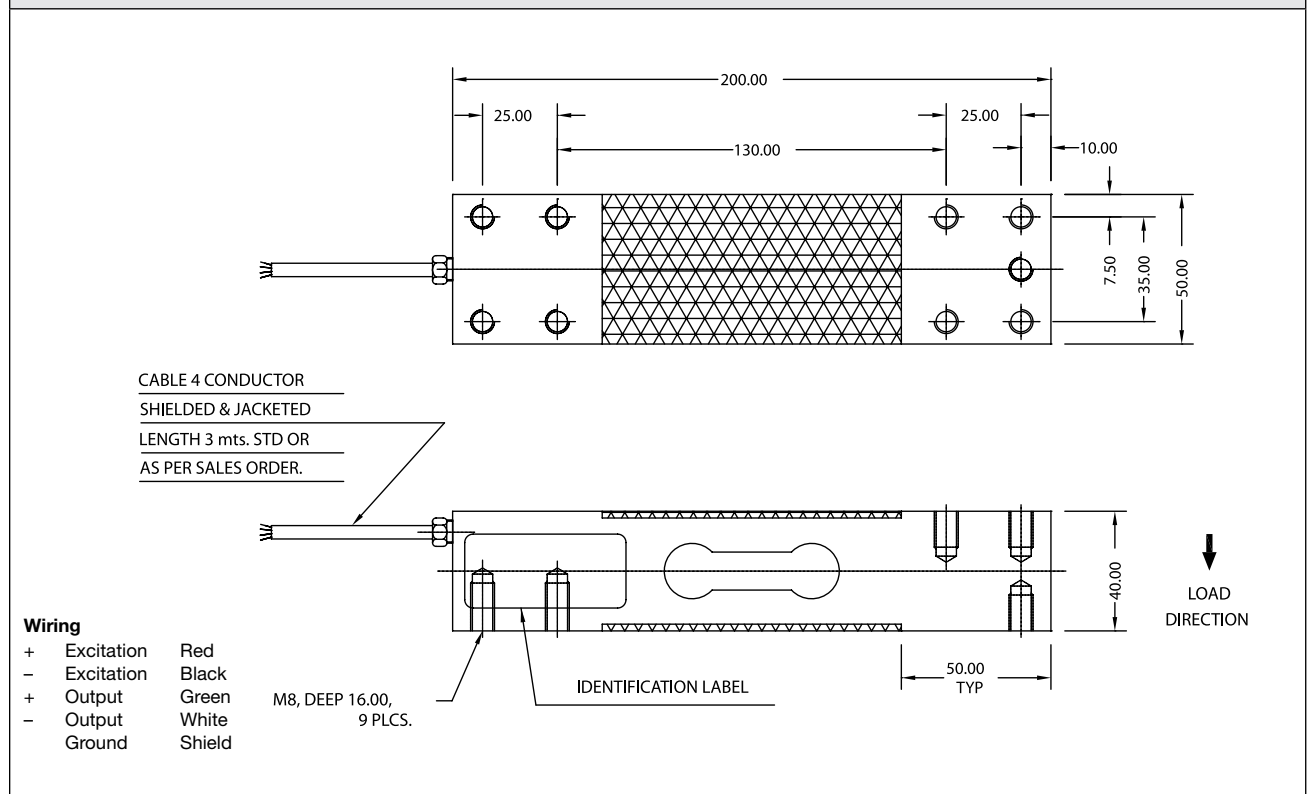
- Large platform scales
- Bench scales
- Counting scales
- Check weighing scales

DESCRIPTION

The Model 92001 is an alloy steel single-point load cell designed for direct mounting in large platform scale applications. The cost effective load cell is ideal for use in counting, bench and floor scales.

This model provides scale manufacturers with a high-accuracy, low-cost sensor for their most demanding technical requirements.

OUTLINE DIMENSIONS in millimeters



Single-Point Alloy Steel Load Cell

| SPECIFICATIONS | | |
|---------------------------------|--------------------------------------------|-------------|
| PARAMETER | VALUE | UNIT |
| Rated output-R.O. | 2.0 | mV/V |
| Rated output tolerance | 10 | ± % FSO |
| Zero balance | 1 | ± % FSO |
| Combined error | <0.030 | ± % FSO |
| Non-Linearity | <0.025 | ± % FSO |
| Hysteresis | <0.020 | ± % 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 | 360–450 | Ω |
| Output impedance | 349–355 | Ω |
| Insulation resistance at 50 VDC | >1000 | MΩ |
| Material | Alloy steel with electroless nickel-plated | |
| Environmental protection | IP66 | |
| Platform size | Up to 900 × 900 | mm |

All specifications subject to change without notice.

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