



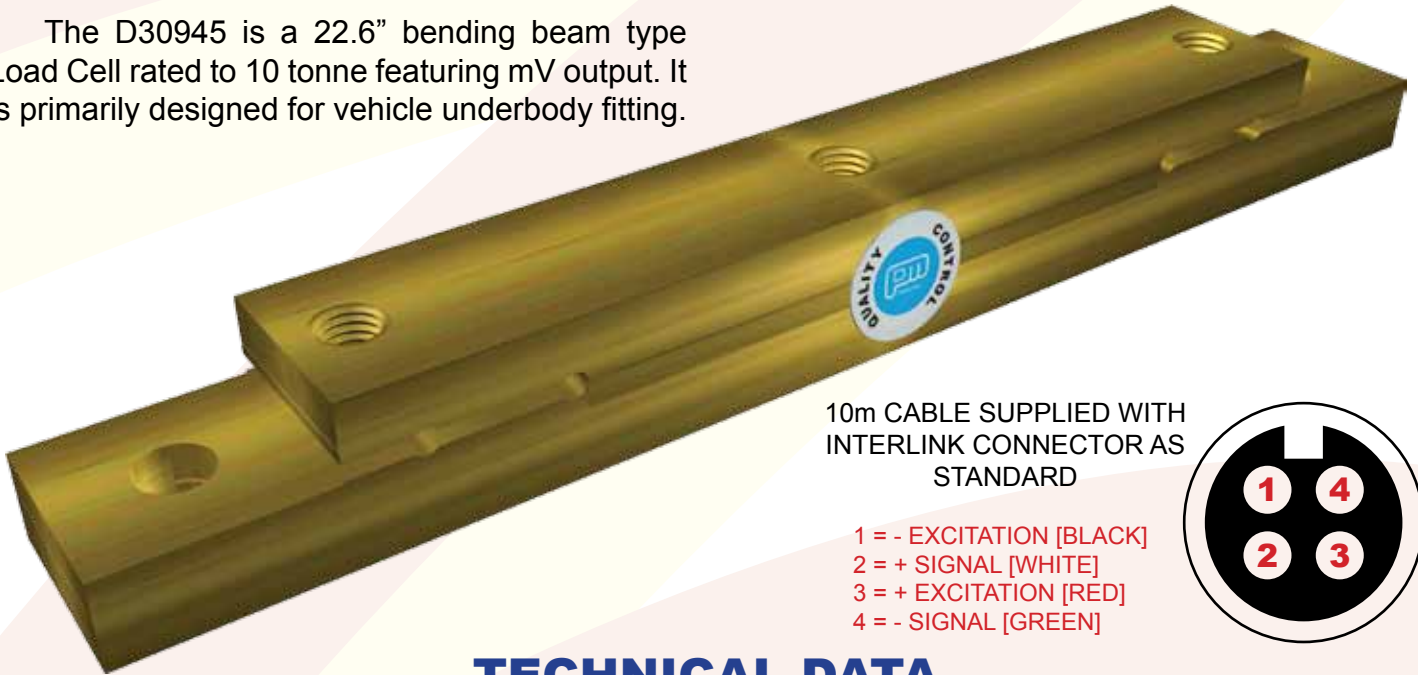
ACCUWEIGH

Onboard and Vehicle Weighing Systems

D30945 BENDING BEAM LOADCELL

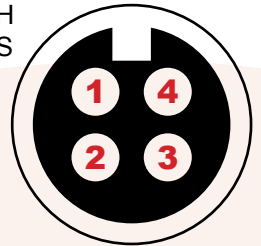
DESCRIPTION

The D30945 is a 22.6" bending beam type Load Cell rated to 10 tonne featuring mV output. It is primarily designed for vehicle underbody fitting.



10m CABLE SUPPLIED WITH INTERLINK CONNECTOR AS STANDARD

- 1 = - EXCITATION [BLACK]
- 2 = + SIGNAL [WHITE]
- 3 = + EXCITATION [RED]
- 4 = - SIGNAL [GREEN]

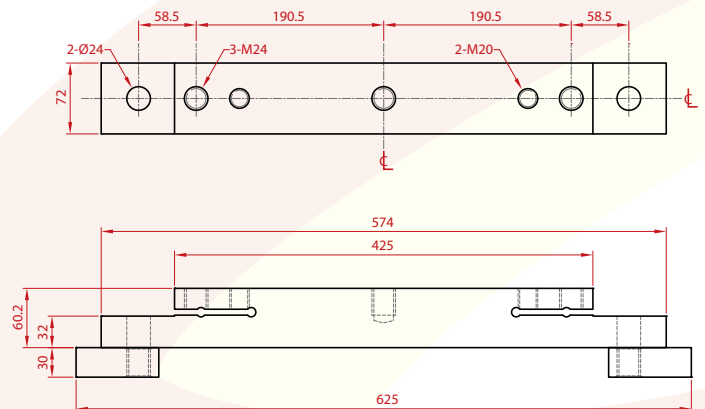


TECHNICAL DATA

Rated Load	10,000kg per Loadcell
Safe Working Load	15,000kg per Loadcell
Ultimate Load	30,000kg per Loadcell
Excitation Voltage	5-10V Recommended
Span	0.5mV/V @ 5670kg
Input Resistance	380-420Ω Nominal
Output Resistance	350Ω ±1
Insulation Resistance	Minimum 500MΩ @ 50V
Long-Term Stability	±0.1%/Span/Annum
Non-Linearity	±0.1% Full Scale
Hysteresis	±0.1% Full Scale
Operating Temperature	-10 to +40°C
Environmental Protection	IP-68
Thermal Zero Shift (TZS)	±0.05% Span/°C
Thermal Span Shift (TSS)	±0.02% Span/°C

Normal Bolt Torque	1080Nm
Method of Installation	5 - 1"x14 UNS
Materials of Construction	EN 24T – 817M40 Steel
Weight	19kg

DIMENSIONS



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