

Deformation transducer

Serie TR2500



DESCRIPTION

- Compact deformation transducer with a lifting capacity of 2500kg
- Voltage output
- On request, version with double output for safety level PLd (EN13849-1)
- Fully hermetic stainless steel housing for outdoor use
- 4-wire electrical cable, length 2m
- Mounting
- Sensors can be used on mobile systems to measure loads such as truck cranes, self-propelled cranes and others...

TECHNICAL DATA

Lifting capacity	2500 kg
Sensitivity	(2.0+/-0.1%) mV/V
Error	+/- 0.02% Echelle complète
Temperature effect on the 0	+/- 0.02% Echelle complète/10°C
Temperature effect on the value	+/- 0.02% Echelle complète/10°C
Input resistance	385 +/-5 Ohms
Output resistance	352 +/-2 Ohms
Insulation	> 5000 MOhms
Operating temperature	De -30°C à +70°C
Safety overload	150% de 2500 kg, soit 3750 kg
Ultimate overload	300% de 2500 kg, soit 7500 kg
Recommended supply voltage	De 10Vcc à 12Vcc
Maximum supply voltage	15 Vcc
Protection class	IP67 / IP68
Composition	Stainless steel
Length of electrical cable	2 m
Wiring	Red (+ input) / Black (- input) Green (+ output) / White (- output)

DIMENSIONS (mm)

