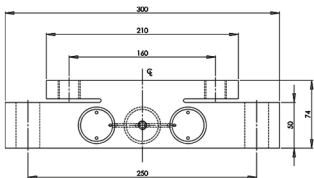


Brand Powered by >>>

Sensotech

Model DESB-TPR



WIRING SCHEMATIC	
COLOUR CODE	CONNECTION
RED	EXCITATION (+)
BLACK	EXCITATION (-)
GREEN	OUTPUT (+)
WHITE	OUTPUT (-)
SHIELD	GROUND

Performance Data

Capacity Range (in kgf)	
Capacity Range (in lf)	20
Nominal Sensitivity (mV/V)	1.00 ± 0.002
Zero Signal Tolerance	0 ± 2%
Input Resistance	750 ± 10
Output Resistance	702 ± 3
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	25 VDC
Linearity Deviation (as % of Full Scale)	< ± 0.020
Repeatability (as % of Full Scale)	< ± 0.020
Hysteresis (as % of Full Scale)	< ± 0.020
Creep (as % of Full Scale) in 30 min	< ± 0.020
Effect of Temperature on Zero(% / ° C)	± 0.002
Effect of Temp. on Span (% / ° C of Load)	± 0.001
Compensated Temperature Range	-10 to + 40 °C
Operating Temperature Range	-20 to 70 °C
Combined Error (as % of Full Scale)	< ± 0.025 max
Isolation Resistance (@ 50 VDC)	> 1000 M Ω
Max. Limit Force (as % of Full Scale)	150
Breaking Force (as % of Full Scale)	300
Lateral Load Limit (as % of Full Scale)	500:1
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

Features

- In-built Lightning Protection
- Low Profile design
- Low Deflection & Creep
- Excellent Overload Capability
- Standardised Output for Multi-Transducer Application

Optional

Explosion Proof Version Suitable for Group I, IIA, IIB, IIC & meet Temperature Class T4

Application

- On Board Weighing
- Tipper Weighing

Sensotech: No. 2/675, "The Palms" 1st Cross Street, Ranga Reddy Garden, Neelankarai, Chennai - 600 041.

(91)-(44)-2449 4305
(91)-(44)-6050 4460

(91)-73057 16667 (91)-98848 69600
(91)-93805 60667 (91)-93424 78988

sales@sensomaticloadcell.in
sensotechindia@gmail.com
sensotech@vsnl.net

www.sensomaticloadcell.in
www.sensomaticloadcell.com
www.sensomaticloadcell.net