

GS1241

Single point load cell



Top Quality, single point load cell from Totalcomp

- *IP67 protection*
- *Reliable - durable precise*
- *Environmentally protected*
- *Capacities from 50 kg to 250 kg*
- *Anodized Aluminum*
- *Includes 1 m 6 cond cable*



Totalcomp Scales & Components

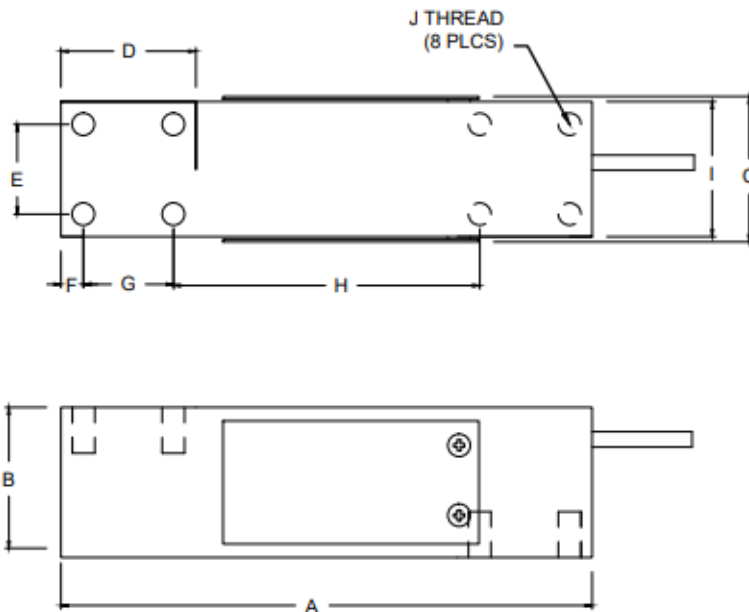
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Specifications

GS1241

The General Sensor GS1241 single point load cells are interchangeable with Tedeo-Huntleigh model 1241. They are built to meet or exceed all manufacturers specs for this type of cell. They are constructed from anodized aluminum and sealed to IP67.



Part Number	Capacity
GS1241-50kg	50 kg
GS1241-100kg	100 kg
GS1241-150kg	150 kg
GS1241-200kg	200 kg
GS1241-250kg	250 kg

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
50KG-250KG	5.91	1.57	1.71	1.50	1.00	0.25	1.00	3.41	1.50	1/4-20UNCx0.50dp

Performance

Full Scale Output	2.00 mv/v
Total error	0.05% FS
Nonlinearity	0.03% FS
Hysteresis	0.02% FS
Creep in 30 min	0.03% FS
Non-Repeatability	0.02% FS
Zero Balance	1.00% FS
Overload, Safe	150% FS
Overload, Ultimate	300% FS

Electrical

Bridge Resistance	
Input	415 ohms
Output	350 ohms
Excitation Voltage	10VDC(15VDC Max)
Insulation Resistance	2KMohms@50VDC

Temperature

Compensated Range	-10 deg C to +40 deg C
Temperature Safe Range	-20 deg C to +60 deg C

Effect on Zero Balance	0.002% FS/ deg C
Effect on FS Output	0.001 FS/ deg C

Mechanical

Material	Aluminum
Finish	Anodized
Sealing	IP67
Weight	2 lb

Wiring

Cable length & Type
1 m, 6 conductor

Cable Color Code

+ Excitation	Green
- Excitation	Black
+ Sense	Blue
- Sense	Brown
+ Output	White
- Output	Red
Shield	Bare

Totalcomp Limited Warranty

Totalcomp warrants this product to be free of defects in materials and/or workmanship and suitable for the purpose intended as outlined in this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. If this product is found to be defective by our inspection in accordance with the above listed criteria, we will replace or repair it at our expense. For warranty service, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.



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