TS-i3

Summary

The robust TS-i3 sensor can be used for dozer and excavator applications. For preference, the TS-i3 is available as a single or dual axis sensor. These sensors are designed for any environment and come with a 2 year warrantee. Simply install the sensor and perform a quick calibration and receive detailed slope information.



Features and Benefits

- IP69K Environmental Rating
- Resolution levels of .01 degrees
- Swappable to dozer and excavator
- Dual Axis or Single Axis

TS-i3 Sensor	
Electrical Specifications	
Supply Voltage	10-30 VDC
Supply Current	Typ 53 mA @ 12 V DC, 35 mA @ 24 V DC
EMC	Applicable standards: FCC Part 15 Subpart B/CISPR 11 Class A: 2009 ISO 13766: 2006 EN 13309: 2010

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	AS/NZS CISPR 11: 2011 ESD 15kV air, 8kV contact
Physical	
Housing	Cast aluminum, black powder coated surface
Connectors	M12
Weight	0.5 lbs
Environmental	
Operating Temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C
Ingress Protection	IP68, IP69k
Drop	500mm drop, all faces and edges (non operational)
Vibration Test	Random 10-2000 Hz, 5G, 30 min/axis Random 10-2000 Hz, 7.7G, 8 hour/axis
Configurations	
Accuracy	0.10°
Resolution	0.01°
Range	360° - Single Axis ±80° - Dual Axis

TS-i3 Sensor Technical Data Sheet PDF

TS-i3 Slope Sensor Technical Data Sheet

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