

CASCED Controlled English Translation

Source file: 位置/倾角传感器/CDJ740电流双轴倾角传感器.pdf

Original diagrams and page relationships are retained in the paired source PDF. The following English text is the controlled translation and data transcription.

CDJ740 High-Accuracy Dual-Axis Current-Output Inclinometer

Model: CDJ740

Product family: Position and Presence Sensing

Category: Inclinometers



Overview

MEMS dual-axis inclinometer with selectable industrial current output.

Features

- Dual-axis measurement
- 0–20 mA, 4–20 mA, or 0–24 mA output
- RS-232 service interface
- IP67 enclosure

Applications

- Wind-turbine tower monitoring
- Bridge and dam monitoring
- Surveying
- Platform leveling
- Construction machinery

Technical Specifications

Specification	Source value
Measurement ranges	$\pm 5^\circ$; $\pm 15^\circ$; $\pm 30^\circ$

Specification	Source value
Accuracy at room temperature	0.005°
Resolution	0.0007°
Cross-axis error	0.005°
Supply	12–35 VDC
Operating/storage temperature	-40°C to +85°C / -55°C to +100°C
Models	CDJ740-30-420; CDJ740-30-024; CDJ740-30-020

Source-Control Status

Ready