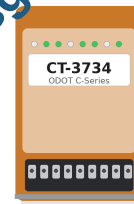


CT-3734 RTD Temperature Module

4CH PT100

4-channel RTD (PT100) temperature acquisition module



The ODOT CT-3734 is a C-Series temperature input module with 4 RTD (PT100) channels. It supports 2- and 3-wire PT100 connection with a sigma-delta 15-bit converter and adjustable filtering, is magnetically isolated from the internal bus, and provides 1500 V channel-to-channel isolation. Used for machine, bearing, tank and process temperature monitoring feeding a PLC/SCADA system.

General / Identification

Brand / Series	ODOT, C-Series Remote I/O
Module type	RTD temperature input, 4 channel
Power consumption	Max. 65 mA @ 5.0 VDC
Field power	Not used

Input / Functional

Channels	4-channel RTD
Sensor type	PT100
Wiring	2-wire, 3-wire RTD
Resolution	15-bit (sigma-delta ADC)
Channel-to-channel isolation	1500 V
Isolation (I/O to internal bus)	Magnetic isolation, 2.5 kVrms
Filtering	Adjustable filter parameters
LED indication	4 channel status LEDs

Mechanical & Environmental

Mounting	35 mm DIN-rail
Dimensions (W x H x D)	115 x 74 x 75 mm
Wiring (max conductor)	0.9 mm ² (AWG 17)
Protection class	IP20

Compliance

Certifications	CE; ISO 9001 (manufacturer-stated)
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Typical applications: Temperature monitoring of motors, bearings, tanks, ovens, HVAC and process lines.

Specifications are taken from the manufacturer's published data and are subject to change without notice. Confirm against the current manufacturer manual before rating of safety-critical use.