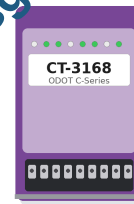


# CT-3168 Analog Input Module 8AI Voltage

8-channel analog voltage input - 0-5/0-10/+5/+10 VDC, 15/16-bit



The ODOT CT-3168 is a C-Series analog input module with 8 single-ended (common-grounding) voltage channels, configurable for 0-5 V, 0-10 V, +5 V or +10 V at 15/16-bit resolution with 1 MOhm input impedance. It reads voltage-output transmitters and sensors into a PLC/SCADA system.

## General / Identification

Brand / Series	ODOT C-Series Remote I/O
Module type	Analog input, 8 channel, voltage
Input mode	Single-ended, common grounding

## Input / Functional

Channels	8-channel voltage input
Signal ranges	0-5 / 0-10 / +5 / +10 VDC
Resolution	15-bit / 16-bit
Accuracy	+/-0.3% @ 25 C; +/-0.5% @ -40 to +85 C
Input impedance	1 MOhm
LED indication	8 channel status LEDs

## Mechanical & Environmental

Mounting	35 mm DIN-rail
Dimensions (W x H x D)	115 x 14 x 75 mm
Protection class	IP20
Operating temperature	-40 to +85 C

## Compliance

Certifications	CE, ISO 9001 (manufacturer-stated)
----------------	------------------------------------

**Typical applications:** Reading 0-10 V, +10 V transmitters and voltage-output sensors.

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