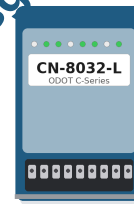


CN-8032-L | PROFINET Network Adapter

PROFINET fieldbus coupler / network adapter, up to 32 modules



The ODOT CN-8032-L is a C-Series PROFINET network adapter (fieldbus coupler) that links a string of up to 32 ODOT I/O modules to a PROFINET controller over standard RJ45 Ethernet. It supports PROFINET IO Device communication with RT real-time mode, supplies up to 2 A at 5 V to the internal bus, and interoperates with mainstream PLCs (Siemens, AB, Mitsubishi, Beckhoff, Omron).

General / Identification

Brand / Series	ODOT, C-Series Remote I/O
Module type	PROFINET network adapter / coupler
Max sub-modules	32 slots
Power consumption	110 mA @ 24 VDC

Electrical

System power	24 VDC (range 19.2-28.8 VDC)
Reverse-polarity protection	Yes
Internal-bus current output	Max. 2 A @ 5 VDC
Field-power contact	Max. 8 A
Isolation	System power to field power isolation

Network / PROFINET

Protocol	PROFINET IO Device
I/O data size	Input max. 1440 byte; Output max. 1440 byte
Real-time	RT, min. cycle 1ms
Network interface	2 x RJ45
Speed	10/100 Mbps, MDI/MDIX, full-duplex
Segment distance	100 m
Device naming	DIP switch or PROFINET monitor

Mechanical & Environmental

Mounting	35 mm DIN-rail
Dimensions (W x H x D)	115 x 51.5 x 75 mm
Net weight	130 g
Wiring (max conductor)	1.5 mm ² (AWG 16)
Protection class	IP20
Operating temperature	+0 to +85 C
Operating humidity	5-95% RH, non-condensing

Compliance

Certifications	CE; ISO 9001 (manufacturer-stated); PROFINET (PI member)
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Typical applications: Connecting ODOT remote I/O racks to PROFINET PLC/DCS networks.

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.