



CAN-PN

PROFINET-IO / CAN Gateway

- Fast and reliable linking PROFINET-IO and CAN with data buffering
- CAN-PLC link, e.g. to SIEMENS S7-300 or S7-400
- No limitation on the number of CAN participants

Linking PROFINET and CAN

The module CAN-PN can link any PROFINET-IO controller to a CAN network. The CAN-PN gateway itself operates as a PROFINET IO device with a maximum of 256 bytes input data and 256 bytes output data on the PROFINET bus.

Applications

The CAN-PN connects CAN modules with CANopen (CiA DS 301) or layer-2 (ISO 11898-1) applications to e.g. a SIMATIC-S7. The gateway does not limit the number of CAN participants.

Physical Interfaces

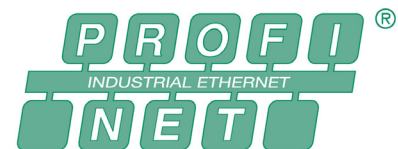
The CAN high-speed (ISO 11898-2) compatible interface allows a maximum data-transfer rate of 1 Mbit/s. The 100 BASE-TX PROFINET interface is compatible to IEEE802.3 and runs with 100 Mbit/s. The PROFINET as well as the CAN interface are electrically isolated.

Configuration and CAN protocols

The module uses the PROFINET configuration tool, e.g. the PLC SIMATIC Manager, for configuring. No additional configuration tools are required!



CAN-PN



For further information please visit
<http://www.esd-electronics-usa.com/ProfiNet.html>

growing with the
challenge

CAN-PN

PROFINET-IO / CAN Gateway

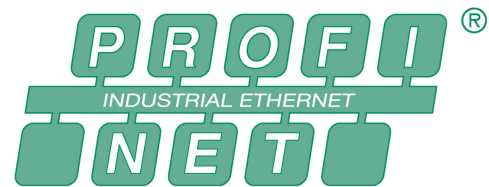
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Technical Specifications:

CPU:	
Micro controller:	ERTEC 200, 150 MHz
Memory:	32 MB SDRAM, 4 MB Flash
CAN:	
CAN controller:	SJA 1000, ISO11898-1
CAN interface:	5-pin open style 5.08 (CiA DR 303-1), 1 Mbit/s, ISO11898-2, electrically isolated
PROFINET (PN):	
PN controller:	ERTEC 200
PN interface:	2x RJ-45, 100BASE-TX, 100 Mbit/s, IEEE 802.3, electrically isolated
General:	
Power supply:	Typ. 24 VDC / 120 mA Min. /max.: 18 VDC / 32 VDC
Operating temperature:	0...50°C
Dimensions [mm]:	22 x 112 x 113
Connectors:	CAN: 5-pin open style 5.08 (CiA DR 303-1) PN: 2x RJ-45 Power: 4-pin spring force plug



Order Information:

Designation	Order no.
CAN-PN	PROFINET IO-CAN gateway, documentation and GSDML-file (on CD) C.2920.02

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