

CAN-I/O-PLC



- CAN interface
- 1 stop-function / current 5 A / short-circuit protected
- »Listen before talk«-technology mit automatic frequency management for higher operational safety or frequency hopping for USA and Canada
- Several systems can be operated at the same time without disturbing each other
- M12-connector
- 8 I-O-Ports freely selectable: inputs 0-operating voltage resp. outputs (proportional or on/off) operating voltage, current 2 A max.

Technical data is subject to change without notice

General technical data

Temperature range	–40° to +80°C
Type of protection	IP 65 (higher on request)
Housing	PA with 2 integrated Deutsch-connectors with 12 pins each
Interface	CAN-Bus
Protocol	compatible with CAN-specification 2.OB, ISO 11898-1, CANopen, CANKingdom, J1939
Data rate	up to 1 Mbit/s
Other interfaces	RS 232, RS 485, Ethernet, WLAN, Bluetooth LE
Technology	transceiver (bidirektional, half-duplex)
Frequency	433,075–434,775 MHz (69 channels) / Europe 902–928MHz / USA & Canada 2,4 GHz 2,5–6,5 GHz (UWB)
Output Power	adjustable up to 10 mW
Modulation	FSK
Transmission method	TDMA (Time Division Multiple Access) with »Listen before talk« technology for Europe Frequency hopping for USA & Canada
Distance	50–300 m / 160–1000 ft (depending on technology, frequency and environment)
Supply voltage	8...36 V DC (automotive battery)
Power consumption	430 mA @ 12 V DC
Weight	102 g without antenna and cable
Size	11.4 × 10.0 × 2.3 cm (L × W × H)

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