CANplc-Transceiver

- 1 CAN-Interface
- 1 stop-function / current 5 A / short-circuit protected
- “Listen before talk” technology with 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.

Options:

- Interfaces RS232, RS485, Ethernet, WLAN, Bluetooth LE

General Technical Specification	
Temperature range	–20° 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 2.0B, ISO 11898-1, CAN-open, CAN Kingdom
Data rate	up to 1 Mbit/s
Other interfaces	RS 232, RS 485, Ethernet, WLAN, Bluetooth LE
Technology	Transceiver (bidirectional, half-duplex)
Frequency	433,075 – 434,775 MHz (69 channels) / Europe; 902 – 928 MHz / 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
Range	depending on installation and environment
Supply voltage	8 … 36 V DC (automotive battery)
Power consumption	430 mA @ 12 V DC
Weight	300 g without antenna and cable
Size	14.5 × 12.0 × 3.3 cm / 5.7 × 4.7 × 1.3 inch (length × width × height)

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