

CAN-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

Options:

- 5 additional outputs / current 2 A / short-circuit protected
- Interfaces RS232, RS485 and TTY

General Technical Specification	
<i>Temperature range</i>	–20° to +80°C
<i>Type of protection</i>	IP 65 (higher on request)
<i>Housing</i>	Aluminum profile with PA end caps
<i>Interface</i>	CAN-Bus
<i>Protocol</i>	Compatible with CAN-specification 2.0B, ISO 11898-1, CAN-open, CAN Kingdom
<i>Data rate</i>	up to 1 Mbit/s
<i>Other interfaces</i>	RS 232, RS 485, TTY
<i>Technology</i>	Transceiver (bidirectional, half-duplex)
<i>Frequency</i>	433,075 – 434,775 MHz (69 channels) / Europe; 902 – 928 MHz / USA + Canada
<i>Output Power</i>	adjustable up to 10 mW
<i>Modulation</i>	FSK
<i>Transmission method</i>	TDMA (Time Division Multiple Access) with “Listen-before-talk” technology for Europe; Frequency hopping for USA + Canada
<i>Distance</i>	> 300 meters / 1000 feet
<i>Supply voltage</i>	6 ... 36 V DC (automotive battery)
<i>Power consumption</i>	80 mA @ 12 V DC
<i>Weight</i>	170 g without antenna and cable
<i>Size</i>	7.5 × 6.0 × 2.1 cm / 3.0 × 2.4 × 0.8 inch (length × width × height)

Status September 2016 · Technical data is subject to change without notice