

# CANtop-Transceiver



- 1 CAN-Interface, optionally 2. CAN-Interface possible
- 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
- Up to 2 M12 connector
- Easy mounting of the receiver housing by snapping into the DIN top hat rail



General Technical Specification	
<i>Temperature range</i>	−30° to +80°C
<i>Type of protection</i>	IP 00
<i>Housing</i>	Top-hat rail housing made of PA
<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, Modbus
<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>Range</i>	depending on installation and environment
<i>Supply voltage</i>	6...36 V DC
<i>Power consumption</i>	80 mA @ 12 V DC
<i>Weight</i>	102 g without antenna and cable
<i>Size</i>	11.4 × 10.0 × 2.3 cm / 4.4 × 3.9 × 0.9 inch (length × width × height)

Status January 2020 · Technical data is subject to change without notice