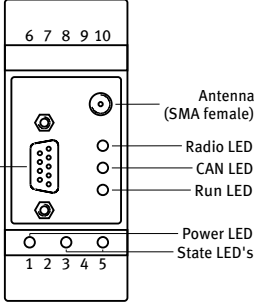
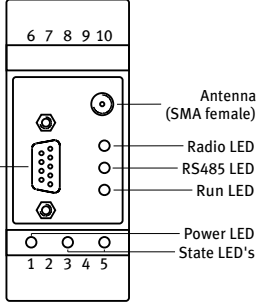
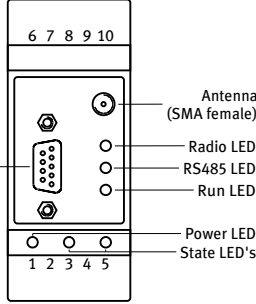


WIRELESS THR



WIRELESS THR RS232

- ❖ Transparent transmission of standard-protocols
- ❖ CAN-Bus, RS232, RS485, RS422, ANALOG and DIGITAL
- ❖ Housing for top-hat rail DIN 60 715 TH35
- ❖ Fast and reliable installation
- ❖ Digital port for connection monitoring

	WIRELESS THR CAN	WIRELESS THR RS232 (CMD)	WIRELESS THR RS485/RS422
Connections	<p>6 free 7 CAN H 8 GND 9 CAN L 10 GND</p> <p>RS232 Configuration interface</p> <p>1 10-30V 2 GND 3 Digital Input 1 4 Digital Input 1 5 Digital Output1</p> 	<p>6 A 7 B 8 GND 9 B 10 A</p> <p>RS232 Configuration interface</p> <p>1 10-30V 2 GND 3 Digital Input 1 4 Digital Input 1 5 Digital Output1</p> 	<p>6 A 7 B 8 GND 9 B 10 A</p> <p>RS232 Configuration interface</p> <p>1 10-30V 2 GND 3 Digital Input 1 4 Digital Input 1 5 Digital Output1</p> 
Connection parameters	<p>CAN Version: CAN 2.0 (A/B)</p> <p>CAN Transceiver: ISO 11898</p> <p>Baud rates: up to 1 MBit (configurable bit timing register)</p> <p>CAN Identifier: 11 Bit /29 Bit (automated detection)</p> <p>Bus termination: external</p> <p>Digital Input (galvanically isolated)</p> <p>Switch voltage: 10...30 V</p> <p>Debounce time: 10 ms</p> <p>Digital output</p> <p>Output: High-side-sw.,max. 0.5A</p> <p>Cycle time: 10 ms</p> <p>Monitoring: Connection monitoring selectable</p> <p>Power: 10-30 V DC, max. 0.6 A</p>	<p>Serial mode:</p> <ul style="list-style-type: none"> - byte oriented - fixed length of data - termination character - transm. after timeout <p>Baud rates: up to 115 200 Baud</p> <p>Data bits: 5-8</p> <p>Parity: even, odd, none</p> <p>Stop bits: 1, 2</p> <p>Digital Input (galvanically isolated)</p> <p>Switch voltage: 10...30 V</p> <p>Debounce time: 10 ms</p> <p>Digital output</p> <p>Output: High-side-sw.,max. 0.5 A</p> <p>Cycle time: 10 ms</p> <p>Monitoring: Connection monitoring selectable</p> <p>Power: 10-30 V DC, max. 0.6 A</p>	<p>Serial mode:</p> <ul style="list-style-type: none"> - byte oriented - fixed length of data - termination character - transm. after timeout <p>Baud rate: up to 230 400 Baud</p> <p>Data bits: 5-8</p> <p>Parity: even, odd, none</p> <p>Stop bits: 1, 2</p> <p>Transmission mode: half/full duplex</p> <p>Digital Input (galvanically isolated)</p> <p>Switch voltage: 10...30 V</p> <p>Debounce time: 10 ms</p> <p>Digital output:</p> <p>Output: High-side-sw.,max. 0.5 A</p> <p>Cycle time: 10 ms</p> <p>Monitoring: Connection monitoring selectable</p> <p>Power: 10-30 V DC, max. 0.6 A</p>
Highlights	Interconnection of several devices with point to multi-point or multi-point to multi-point connection	Optional command interface for control of several devices	Optional command interface, wireless connection of several slaves to one master with point to multi-point connection
Ordering options [Item-No.]	<p>WIRELESS THR CAN-A [6007010-A]</p> <p>WIRELESS THR CAN-B [6007010-B]</p> <p>WIRELESS THR CAN-NW [6007016]</p>	<p>WIRELESS THR RS232-A [6010016-A]</p> <p>WIRELESS THR RS232-B [6010016-B]</p> <p>WIRELESS THR RS232-CMD [6010017]</p>	<p>WIRELESS THR RS485-A [6011006-A]</p> <p>WIRELESS THR RS485-B [6011006-B]</p> <p>WIRELESS THR RS485-CMD [6011008]</p> <p>WIRELESS THR RS422-A [6011013-A]</p> <p>WIRELESS THR RS422-B [6011013-B]</p>

we make less wire ...

 **wireless**

Environment/metrics

IP-protection: IP40

Dimensions: 35 x 86 x 58 mm

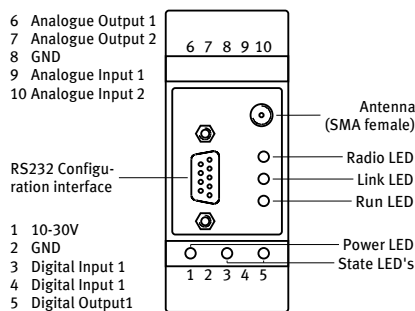
Mounting:

Temperature range:

Top-hat rail DIN 60 715 TH35

-25 to +70° C

WIRELESS THR ANALOG



Operation mode:

- periodical (≥ 10 ms)
- range monitoring
- range mon. + periodical

Analogue

Input/Output: 0(4)...20 mA/ 0...10 V
Sampling rate: up to 1 kHz
Measuring: successive approximation

Digital Input (galvanically isolated)

Switch voltage: 10...30 V
Debounce time: 10 ms

Digital output

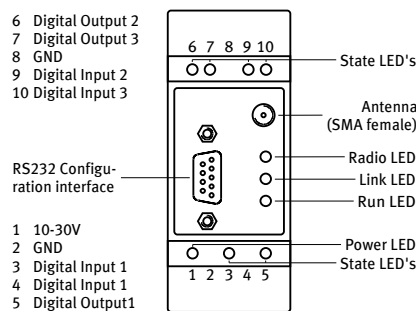
Output: High-side-switch, max. 0.5 A
Cycle time: 10 ms
Monitoring: Connection monitoring selectable

Power: 20-30 V DC, max. 0.6 A

Interface conversion to CAN, RS232, RS485 selectable

WIRELESS THR ANALOG-A [6013005-A]
 WIRELESS THR ANALOG-B [6013005-B]

WIRELESS THR DIGITAL



Operation mode:

- periodical (≥ 10 ms)
- edge-triggered
- combined

Digital Input (1x galvanically isolated)

Switch voltage: 10...30 V
Debounce time: 10 ms

Digital output

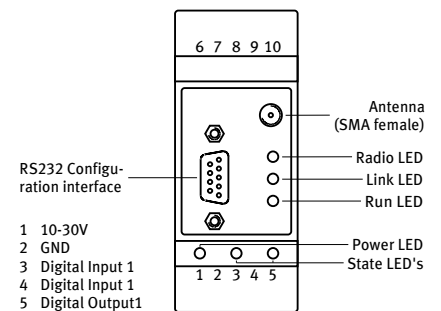
Output: High-side-switch, max. 0.5 A
Cycle time: 10 ms
Monitoring: Connection monitoring selectable

Power: 10-30 V DC, max. 0.6 A

Interface conversion to CAN, RS232, RS485 selectable

WIRELESS THR DIGITAL-A [6014005-A]
 WIRELESS THR DIGITAL-B [6014005-B]

WIRELESS THR ROUTER



Compatible to:

- WIRELESS series
- WIRELESS THR series
- WIRELESS MOD series
- WIRELESS OEM series

Digital Input (galvanically isolated)

Switch voltage: 10...30 V
Debounce time: 10 ms

Digital output

Output: High-side-switch, max. 0.5 A
Cycle time: 10 ms
Monitoring: Connection monitoring selectable

Power: 10-30 V DC, max. 0.6 A

Expanding communication distance or usage for redundant routes

WIRELESS THR ROUTER [6015005]