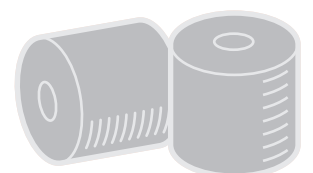
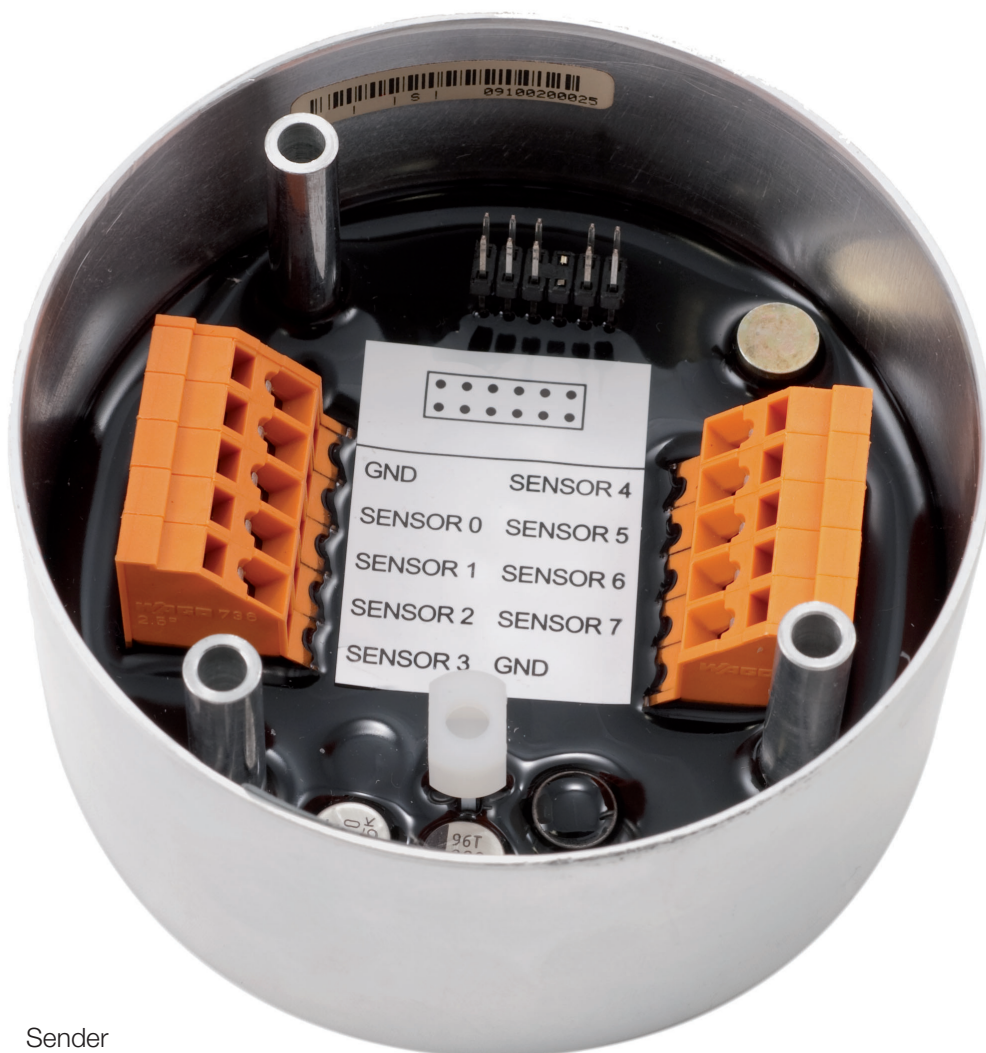


# Rotary Temperature Transmitter Analogue/CAN Bus

Process security based on precise measurement  
for top carpet yarn quality



# Rotary Temperature Transmitter Analogue or CAN Bus

## Rotary temperature transmitter – sender

### Function

- Temperature acquisition and data sender

### Admissible ambient conditions

- Storage temperature: -25 to 70 °C
- Operating temperature: 0 to 85 °C

### Supply

- Control electronics:  
Supply via a rotating transformer on measured-value receiver air gap:  
2 mm ± 1 mm
- Current consumption: transferred from receiver

### Measured-value acquisition

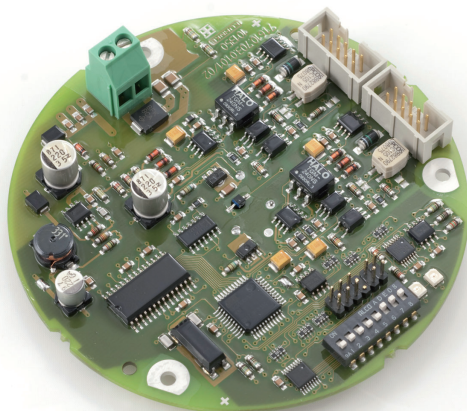
- Sensor: PT 1000/PT 2000
- Ducts: 8
- Resolution: 0.2 °C (PT 1000)
- Measuring range: 0 to 300 °C
- Drifts: ≤ 0.0125 K/K

### Construction

- Aluminum housing
- Type of protection:  
Fully cast electronics

### Interfaces

- Data transmission: Infrared interface
- Function: Transmission of sensor-measured voltage
- Transmission speed: Preset



Receiver

ID-No.	analogue	CAN Bus
Conversion Kit	70062693	70050443
Sender	10046116	
Receiver old machine	10047683	10047682
Receiver new machine	10046115	

## Rotary temperature transmitter – receiver

### Function

- Reprocessing and transfer of temperature measured-values

### Admissible ambient conditions

- Storage temperature: -25 to 70 °C
- Operating temperature: 0 to 85 °C

### Supply

- Control electronics: 24 V DC ± 15%
- Current consumption:  
CAN Bus 280 mA/  
Analogue 340 mA

### Measured-value acquisition

- Ducts: 6
- Sensor linearization: PT 1000:  
0 to 300 °C
- Error detection and control: Wire break,  
short-circuit, intermittent contact

### Construction

- Screwable metal housing Interfaces
- Bus 1: CAN/Analogue
- Function: Connection to  
FGU/ GHU
- Potential separation: Yes
- Transmission speed: Preset
- Connection: M12
- Participant's address: Preset

### Infrared interface

- Function: Communication  
with sender
- Transmission speed: Preset
- Local status signals: LED

## Your advantages:

- Quality: Robust and maintenance-free
- Simple installation:  
Exchange for old systems without switch cabinet operation
- Temperature adjustment  
Digital CAN bus:  
Automatic system adjustment at commissioning  
Analogue:  
Temperature preset and simple adjustment with indicating device
- System: No system interferences by rotor-stator tolerances
- Data: Exchange with Control panel
- Linkage: Fully integrated in the machine documentation with self-help support
- High End Support:  
Comprehensive producer support for the complete system
- 2-years warranty
- Low energy consumption

For the first retrofit you may order the conversion kit containing sender and receiver for your old machine. For further exchange you may order the single sender or corresponding receiver.