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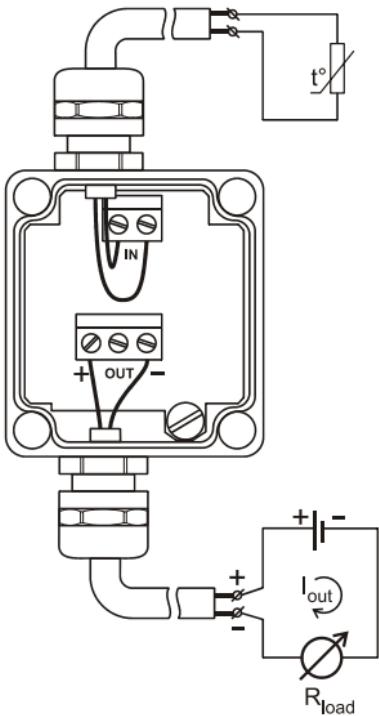
OUTDOOR RTD TRANSMITTER

TROP

OPERATION MANUAL



Please read this Operation Manual before mounting and operating!
Save the Manual for future references!



Mounting

- ◆ TROP is enclosed in a freely mountable box and has no specific installation requirements.
- ◆ The transmitter may be mounted on every 35 mm rail conforming to EN50022 via optional mounting clamp.

Wiring

- ◆ Turn the loop power supply off.
- ◆ Remove the box cover.
- ◆ Connect the unit through its wiring terminals as shown on the left.
- ◆ Close the box.

Operating

- ◆ Check the loop power supply voltage (see '**Specifications**').
- ◆ Turn the power on.
- ◆ The transmitter must generate a current output depending on the measurement range (see '**Specifications**').



The undersigned hereby declares, on behalf of COMECO Inc., that this device has been manufactured in compliance with standards EN 61000, EN 61010, EN 61326, and IEC 751 / EN 60751, and meets the requirements of Directives 2004/108/EC, 2006/95/EC, and 2011/65/EU.

Krasimir Darakchiev, CEO
COMECO Inc.

Waste Disposal



Do not dispose of electronic devices together with household waste material!

If disposed of within European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive 2011/65/EU on the Waste Electrical and Electronic Equipment.

Input	<input type="checkbox"/> Pt100 (w=1.385), <input type="checkbox"/> Pt1000 (w=1.385)
Measurement Range (T _{min} ...T _{max})	<input type="checkbox"/> 0...50 °C, <input type="checkbox"/> -50...50 °C, <input type="checkbox"/> -10...60 °C, <input type="checkbox"/> -20...60 °C, <input type="checkbox"/> -20...80 °C, <input type="checkbox"/> 0...100 °C,
Output Signal	<input type="checkbox"/> -50...100 °C, <input type="checkbox"/>
Output at Burnout Sensor	4...20 mA, 2-wire
Output at Shorted Sensor	32 mA
Power Supply	0.2 mA
Admissible AC Variations	10...32 VDC
Maximum Line Load	max. 1 V peak-to-peak at 50 Hz
Measurement Error	(U-9)/20 [kΩ]
Self-heating Error	0.2% from span or 0.2 °C
Temperature Drift	0.02%/mA at 24 V
Ambient Temperature	0.02% from span for 1 °C
Ambient Humidity	-30...65 °C
Protection Class	5...95% RH
	IP66

Warranty and Support

.....
article number

.....
serial number

.....
manufacturing date

QC check mark(passed)
(stamp)

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Warranty

COMEKO warrants this product to be free from defects in materials and workmanship for 2 years. If your unit is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear or tear, or consequential or incidental loss. This warranty does not cover any defects caused by wrong transportation, storage, installation, or operating (see '**Specifications**').

Technical support

In the unlikely event that you encounter a problem with your COMEKO device, please call your local dealer or contact directly our support team.