Specifications

Model	☐ TSP, ☐ TSOP
Measurement Range (T_{min}...T_{max})	☐ -50...50 °C, ☐ -50...100 °C, ☐ 0...50 °C, ☐ 0...100 °C, ☐ -20...60 °C, ☐ .....
Accuracy Class	☐ 'A', ☐ 'B', ☐ '2xB'
Output	☐ Pt100 (w=1.385), ☐ Pt1000 (w=1.385), ☐ 4...20 mA, 2-wire
Output at Burnout / Shorted Sensor	32 mA / 0.2 mA
Power Supply	10…32 VDC
Admissible AC Variations	max. 1 V peak-to-peak at 50 Hz
Maximum Line Load	(U-9)/20 [kΩ]
Electronic Measurement Error	0.2% from span or 0.2 °C
Self-heating Error	0.02%/mA at 24 V
Temperature Drift	0.02% from span for 1 °C
Ambient Temperature / Humidity	-30…65 °C / 5…95% RH
EM Compatibility	according to EN 61326
Protection Class	IP66

Warranty and Support

……
serial number

……
manufacturing date

QC check mark ……(passed)
(stamp)

88 Slavyanska Str.
P.O.Box 378
Plovdiv 4000, BULGARIA
tel: +359 32 646523, 646524
fax: +359 32 634089, 646517
e-mail: support@comeco.org

QD-8.2.4-WC

Warranty

COMECO warrants this product to be free from defects in materials and workmanship for 1 year. 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 COMECO device, please call your local dealer or contact directly our support team.

V6-04.12

COMECO
CONTROL & MEASUREMENT

COMECO Inc., P.O.Box 378, Plovdiv 4000, BULGARIA, tel: +359 32 646523, 646524, fax: 634089
e-mail: info@comeco.org, WWW.COMECOGROUP.COM

OUTOOR RTD SENSOR (TRANSMITTER)

TS(O)P

OPERATION MANUAL

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

Mounting and Wiring

Mounting

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

Wiring TSP

- Open the box cover.
- Connect the sensor through its wiring terminals as shown on the left.
- Close the box.

Wiring TSOP

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

Operating TSOP

- Turn the power on.
- The transmitter (TSOP) must generate a current output depending on the measurement range (see '**Specifications**').

Declaration of Conformity

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, IEC751 / EN 60751, BRS 1999, and meets the requirements of Directives 2004/108/EC, 2006/95/EC and 2011/65/EC.

Vladimir Sakaliyski
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 2002/96 on the Waste Electrical and Electronic Equipment.