



Digital Display Indicator TC65

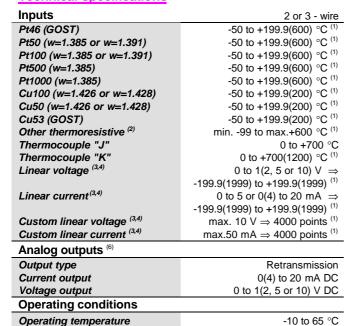
- ♦ Low cost
- ♦ Good EMI protection
- LCD or LED display available
- ♦ Analog retransmission output

TC65 process indicators produced by COMECO are deices for indication of the value of various physical values. They combine analog measurement and digital indication. This series of indicators are used for indication and monitoring of physical values such as temperature, pressure, flow, level etc. The TC65 indicators may be directly connected to most of the common temperature sensors. To indicate other physical values they are connected to standard analog output transmitters. The TC56 series includes devices with different digital display sizes:

13mm - variant "B"; 25mm - variant "D"; 45mm - variant "E"

These sizes provide visible readings at long distances in dark places. Due to their low cost allows the TC56 indicators are widely used in industry.







Measurement error	0.4 % from spar
Temperature drift	0.007 % from span for 1 °C
Cold junction compensation	Automatic hardware ± 1 °C
Power supply	

Supply voltage	220(110) VAC ± 10%
Low voltage supply (optional)	12 to 24 VAC/DC
Consumption	Max. 4 VA
Digital display	

For variant "B"	3.5 digit LCD/LED-13/14mm
	plus LED for power supply
For variant "D"	3 digit LED - 25mm
For variant "E"	3 digit LED - 45mm
Design and materials	

Case materialPlasticMountingIn panel cut-outWiringScrew terminalsDimensions:

 Variant "B and D"
 96 x 48 (front) x 120 mm

 Variant "E"
 144 x 72 (front) x 105 mm

 Weight:
 Wariant "B and D"

 Max. 400 g

 Variant "B and D"
 Max. 400 g

 Variant "E"
 Max. 600 g

 Protection front/terminals
 IP-54 / IP-20

Ordering code

Operating humidity



0 to 85 %RH

TC65* - G1.G2.G3.G6'6".G11

Code	Feature or option	on	Code values
*	Indicator variant		B - with digit height 13 mm, D - 25 mm, E - 45 mm
G1	Power Supply type		A - 220 VAC, B - 110 VAC, D - low voltage-DC ⁽⁵⁾ , E - low voltage-AC ⁽⁵⁾
G2	Display type		A - LCD ⁽⁶⁾ , B - LED normal, C - LED bright
G3	Resolution		B - 1, C - 0.1
G6'	Input signal type		B - thermoresistance, C - thermocouple, D - linear
G6"	Sensor type	Thermoresistor Thermocouple Linear	A - Pt46, B,C - Pt50, D,E - Pt100, F - Pt500, G - Pt1000, H,I - Cu50, J - Cu53, K,L - Cu100, Z - other J - "J", K - "K" A - 05 mA, B - 020 mA, C - 420 mA, H - 01V, I - 02 V, J - 05 V, K - 010 V, Z - other
G11	Analog retransmission output ⁽⁶⁾		X - none, E - 0÷20mA, F - 4÷20mA, G - 0÷1V, H - 0÷2V, I - 0÷5V, K - 0÷10V, Z - other

(1) For variants "D" and "E": from -9.9(99) to +99.9(999) - 1100 points

(2) Custom - specify range within the limits stated

(3) Lower and upper display limits are specified by customer

- (4) Provides voltage for external transmitter power supply 12(24)VDC/30mA
- (5) Exact value specified by customer
- (6) Only for variant "B"

For detailed instructions on ordering coding see chapter "ORDERING CODES"!