

## Slim-size Bar-graph Indicators TC150



- ◆ Very low price
- ◆ Current or voltage input signals
- ◆ Nonlinear input signals may be measured and transmitted
- ◆ 24x96 DIN front panel size
- ◆ 30-dot LED bar-graph
- ◆ Moving DOT/BAR modes available
- ◆ Custom design bar-graph and scale available

The COMECO model TC150 is a 'slim-sized' panel-mounting process indicator with 24x96 DIN front size. It is equipped with a **30-dot vertical LED bar-graph with 0 to 100% range** and accepts linear voltage or current signals at its input. In combination with a level transmitter TC150 provides a convenient **level indication**. Moving DOT or moving BAR modes of bar-graph display are also available as well as **custom bar-graph design**. The low cost TC150 with its useful features and slim front design can be widely applicable to a wide range of industrial solutions.



TI

### Technical specifications

#### Inputs

<b>Linear voltage (mV)</b>	0...10, 20, 50 or 100 mV
<b>Linear voltage (V)</b>	0...1, 2, 5 or 10 V
<b>Linear current</b>	0(4)...20 mA
<b>Custom linear voltage <sup>(1)</sup></b>	min. 0 to max. 40 V DC
<b>Custom linear current <sup>(1)</sup></b>	min. 0 to max. 50 mA DC

#### Outputs

<b>Power supply for transmitter</b>	12 or 24 VDC <sup>(2)</sup>
<b>Maximum load</b>	Max. 40 mA

#### Accuracy

<b>Resolution</b>	3.33 % from span
<b>Temperature drift</b>	0.02 % from span for 1 °C

#### Power supply

<b>Supply voltage</b>	12 to 24 VAC/DC
<b>Consumption</b>	Max. 4 VA

#### Operating conditions

<b>Operating temperature</b>	-10 to 65 °C
<b>Storage temperature</b>	-20 to 65 °C
<b>Operating humidity</b>	0 to 85 %RH

#### Bar-graph display

<b>Type</b>	30 LED dots, 2 mm wide
<b>Scale</b>	0...100 % or custom design <sup>(1)</sup>
<b>Mode</b>	moving dot or moving bar
<b>Color</b>	red, green or custom <sup>(1)</sup>

#### Design and materials

<b>Case material</b>	Plastic
<b>Mounting</b>	In panel cut-out 21x93 mm
<b>Wiring</b>	Screw terminals
<b>Dimensions</b>	24x96x120 mm
<b>Weight</b>	Max. 150 g
<b>Protection front/terminals</b>	IP 54 / IP 20
<b>Increased protection (option)</b>	IP 65 front protection

<sup>(1)</sup> Specify on request!

<sup>(2)</sup> The value limits of auxiliary power supply voltage (Ua) are: Ua ≤ Up(DC) and Ua ≤ 1.2\*Up(AC), where Up is the selected power supply voltage

### Ordering code



TC150\* - G2.G6'6" - #1

Code	Feature or option	Code values
<b>*</b>	Indicator variant	<b>T</b> - with moving dot, <b>R</b> - with moving bar
<b>G2</b>	Display type *	<b>D</b> - bar graph, <b>E</b> - bar graph (bright)
<b>G6'6"</b>	Input signal type	<b>DA</b> - 0.5 mA, <b>DB</b> - 0.20 mA, <b>DC</b> - 4..20 mA, <b>DE</b> - 0.10 mV, <b>DF</b> - 0.20 mV, <b>DG</b> - 0.50 mV, <b>DH</b> - 0.1V, <b>DI</b> - 0.2 V, <b>DJ</b> - 0.5 V, <b>DK</b> - 0.10 V, <b>DZ</b> - other
<b>#1</b>	Increased front protection option	<b>X</b> - none, <b>E</b> - IP 65

\* Specify other (custom design) display color or/and scale when order and contact COMECO for availability!

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