

TANK LEVEL GAUGE – TLG20D

DIMENSIONS AND SPECIFICATIONS

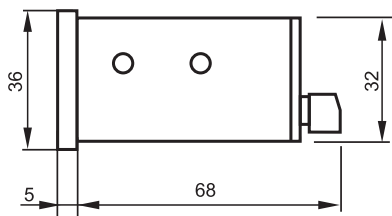


Tank Level Gauge – TLG20D is designed to display a liquid's volume to 5% tank level accuracy with a 7 segment ultra-bright LED display. When the tank level is below 25% the display flashes and when the tank level is below 10% the relay output is turned on (optional). The indicator is able to communicate with other displays (remote indicators) over the one wire datalink.

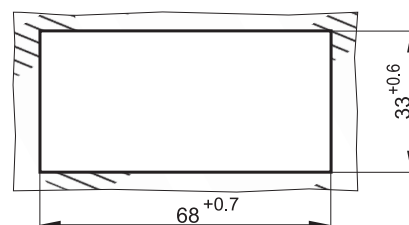
The unit uses a 0–600 mbar (0–8.7 PSI) temperature compensated pressure transducer to obtain tank level information. The transducer measures the column of liquid in the tank above the opening of the elbow and provides a signal that is proportional to the volume.

DIMENSIONS

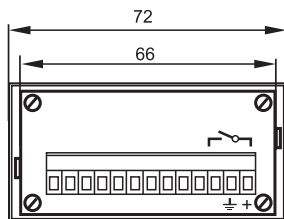
LEVEL INDICATOR



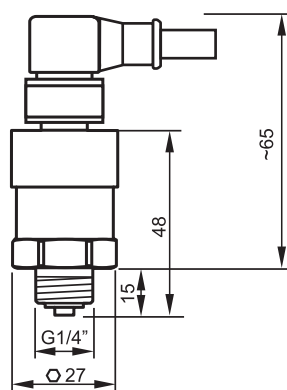
CUT OUT FOR THE CONTROL PANEL



REAR PANEL CONNECTORS



PRESSURE TRANSDUCER



SPECIFICATIONS

Power supply	10 V ... 30 V DC
Power consumption*	approx. 3 W
Alarm relay output	Power supply voltage, max. 6 A
Pressure range	0...600 mbar; 8.7 PSI (0...6 m tank height)
Level indication	3 x 7 seg. LED displays (super bright), 0 – 100%, 5% step
Detectable substances	Water, Fire-smothering foam, Oil, Gasoline,...
Transducer Electrical Connection	M12x1
Transducer pressure port fitting	G 1/4" with adapter G1/2"
Transducer Housing	Stainless steel 316L
Enclosure protection (IEC 529)	IP67 (Transducer); IP65 (Indicator–front panel)
Operating temperature–indicator	from –45 °C to +85 °C
Dimensions of the indicator (IEC 61554)	72x36x68 mm or 77.5x41.5x68 with Aluminium Bezel (LxHxW)
Transducer cable	3 x 0,25/35 mm ² (chemical and oil resistant) with connector M12
Weight	Transducer: 0,1 kg, Indicator: 0,1 kg

* No outputs active

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ORDERING INFORMATION

Use the **RED** character from the chart below to construct a basic product code.

