

DGTm3 Gas Detector

Sensor Type:	Electrochemical
Output Signals:	4...20 mA, linear response
Operating Voltage:	see figures, regulated
Max. Power Consumption:	0.9 W
Cabling:	2-wire connection, e.g. JAMAK 2x(2+1)x0.5 mm ²
Typical Sensor Life in clean air:	5 years
Typical T90 Response:	< 30 seconds
Operating Temperature:	-10...+50 °C, continuous -20...+50 °C, intermittent
Operating Humidity:	10...95% RH, non-condensing
Degree of Protection:	IP54
Weight:	350 g
Note:	The calibration is done by using the handheld calibration device (IRC) via infrared link. Therefore the infrared lens of the device must be clearly visible. If ambient air pressure differs more than 5% from normal atmospheric, the detector shall be recalibrated at the installation site.

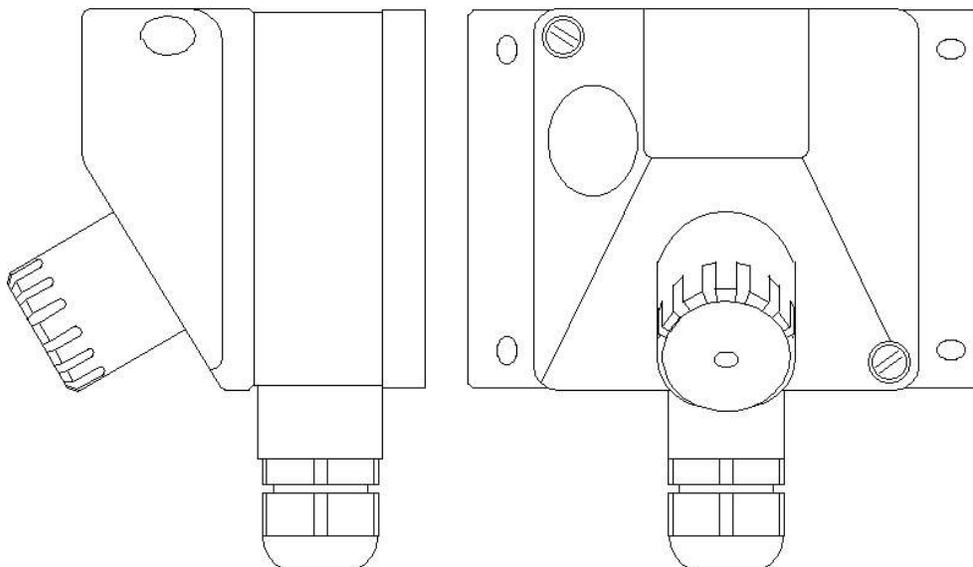
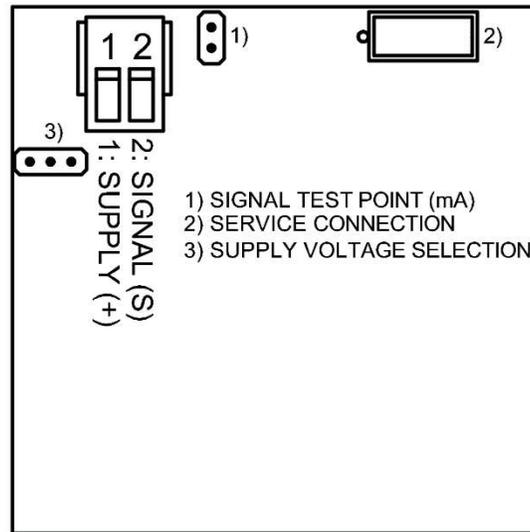


Figure 17, DGTm3 gas detector general view.



3) SUPPLY VOLTAGE SELECTION



Figure 18, DGTm3 connections and layout on the circuit board.

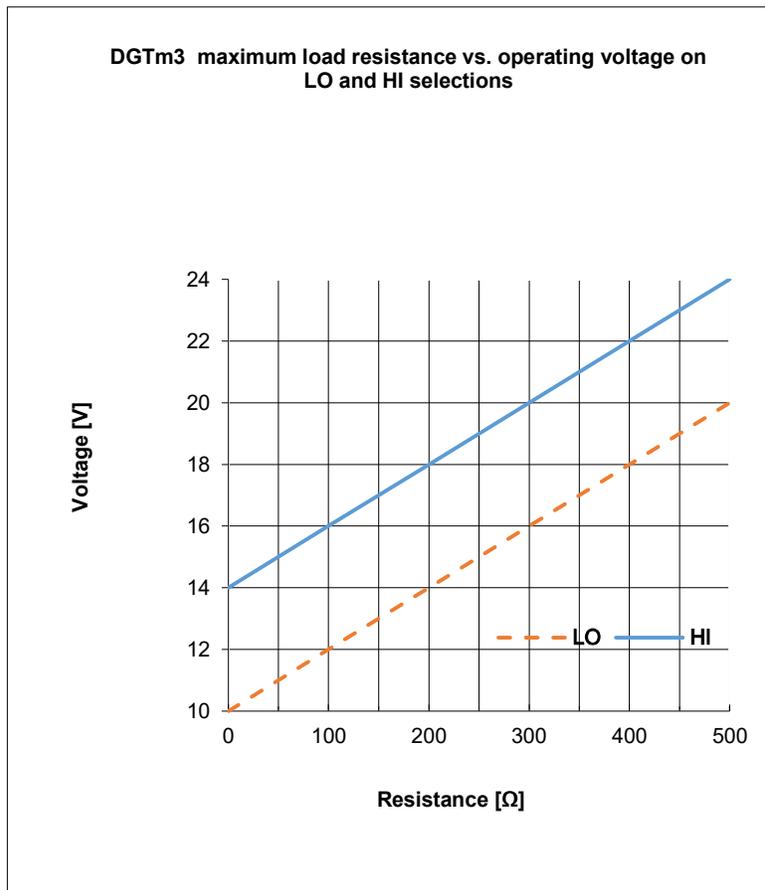


Figure 19, DGTm3 operating voltage and maximum load resistance