

Manual for pressure transmitter series TGL014...

The pressure transmitters are designed for measuring absolute and gauge pressure of gases, vapors and liquids. If used incorrectly, application related dangers may arise. The transmitter must be installed, connected, commissioned, operated and maintained only by qualified and authorized personnel and under strict observance of these operating instructions, relevant national standards, legal requirements, and where appropriate, the product certification.

Installation:

The function of the transmitter is nearly independent of its orientation. To protect the process connection and pressure diaphragm from damage, remove the protective cap just before installation. The pressure transmitter must be installed in accordance with applicable national guidelines for pressure components.

We recommend the use of isolating valves, siphons' etc..

During installation, ensure that no water enters the housing.

General technical data:

Supply voltage:	18...32V DC
Current consumption:	< 30mA
Output current:	4-20mA, two wire system
Load resistor:	>500R
Wrong polarity protection:	yes
Operating temperature:	-25...80 °C
Storage temperature:	-25...+100 °C
Protection class:	IP 67, acc. to EDN60529
Time constant:	approx. 200ms for rising output signal 10% to 90%
Over pressure:	-0,3 bar to +4 bar max.
Overall accuracy:	0,5% f.s.

Dimensions:

Please see drawings for different types with cable or plug connection