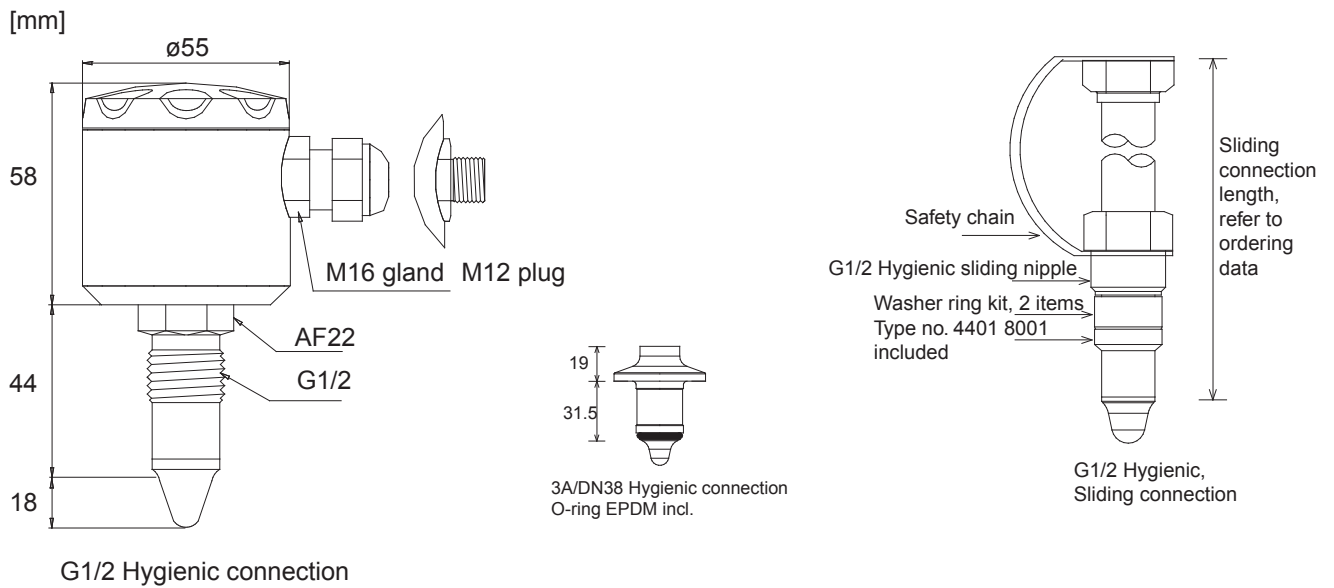


Technical Data

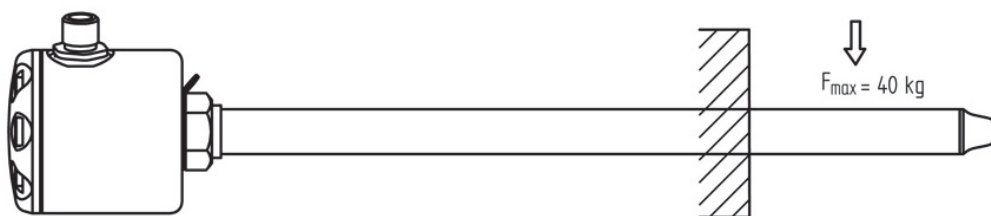
Factory Settings

Output	PNP, NPN or Digital
Measure	DK value >1,5
Damping	0.1 sec.

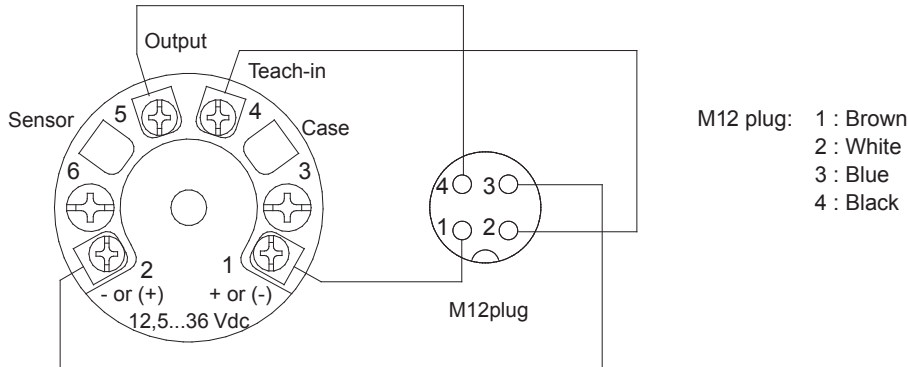
Dimensional Drawings



Sliding connection load

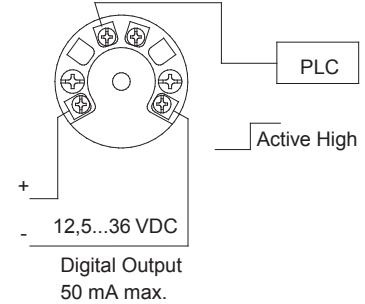
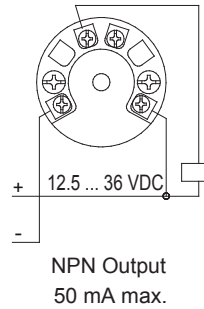
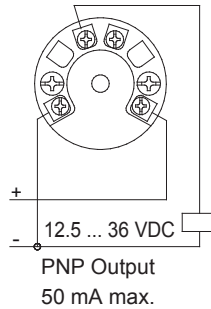
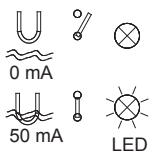


Electrical Connection

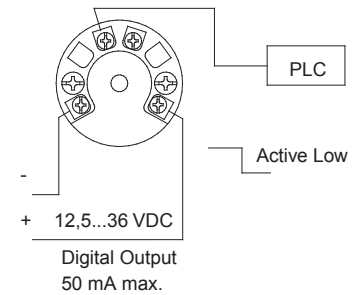
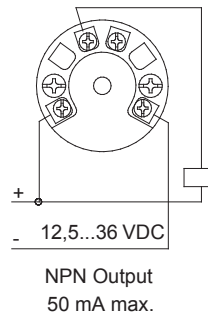
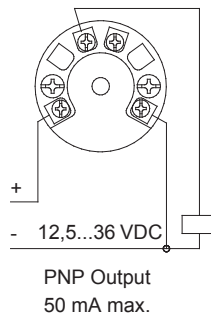
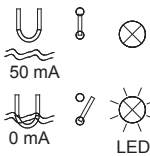


Electrical Installation

Normally Open

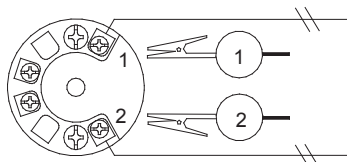
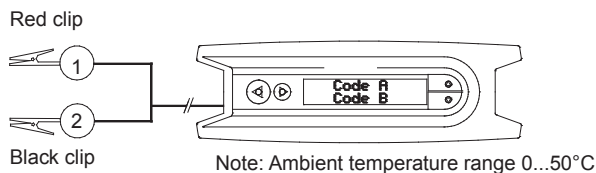


Normally Closed



Configuration

FlexProgrammer 9701



Disconnect the power supply before connecting the FlexProgrammer 9701 to the Level Switch LFFS

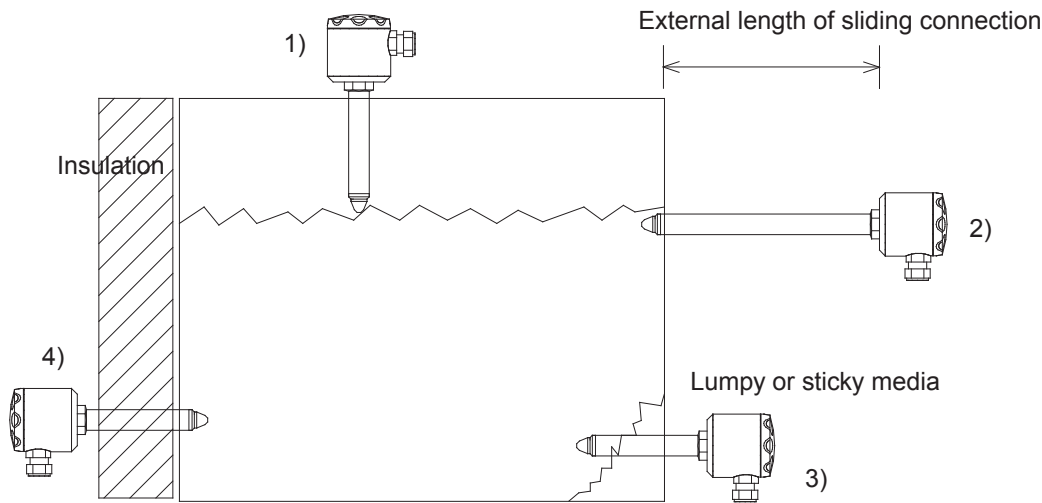
Accessories



The FlexProgrammer 9701 is a dedicated tool to configure all Baumer configurable Flex-products.

Type No. 9701-0001 comprises:
FlexProgrammer
Cables
CD with the FlexProgram software

The Sliding Connection (Figure 1)



The drawing shows how the sliding connection can be used for at least 4 applications:

- 1) Mounted at the top of a tank to adjust to a maximum level.
- 2) Serving as a cooling neck in high media temperature applications.
- 3) Adjusted to place the sensor tip deeper inside the tank.
- 4) To reach in through insulation material.

It is essential that the max. ambience temperature for the electronics is never exceeded. For ATEX approved products please refer to table 1.

The working conditions for the sliding connection in different media temperatures and specified ambient temperatures can be found in curve 1.

Example, how to read Curve 1:

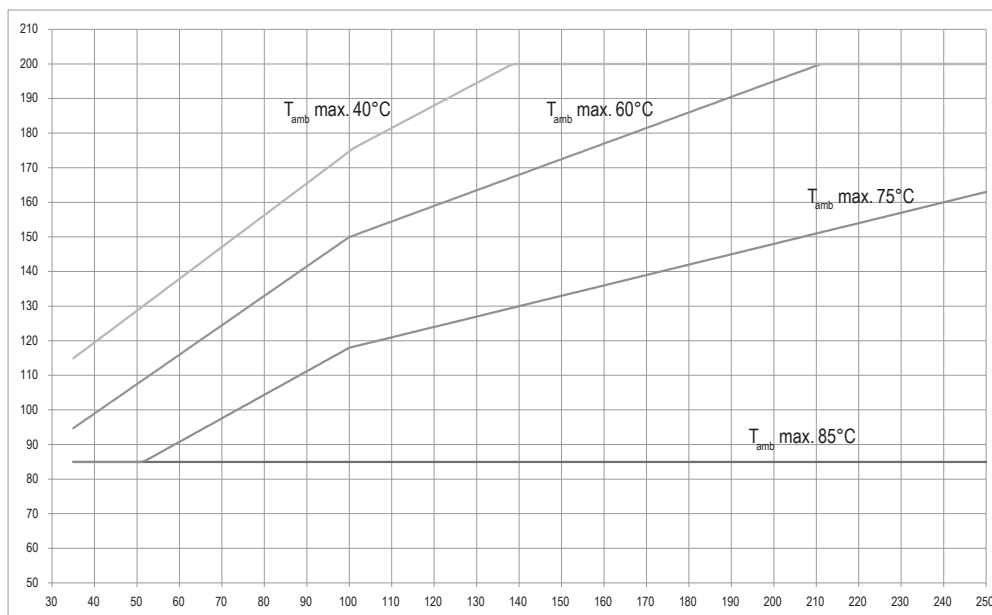
A 250 mm sliding connection is mounted in a tank with a total insert length of 150 mm. Hence the external length of the sliding connection will be $250 - 150 = 100$ mm.

The media temperature will be max. 160°C .

Read the x-axis at 100 mm on the y-axis at 160°C and find that the ambient temperature must be kept below 50°C . In case the radiated heat from the tank will cause a higher ambient temperature at the housing efficient insulation of the tank must be established

Media Temperature versus External Length of Sliding Connection (Curve 1)

Media Temperature
 $^{\circ}\text{C}$



External length of sliding connection (mm) See figure 1

NB: Std. + 3A/DN38 = 35 mm external length