

FOUNDATION fieldbus

Fieldbus Display, 3-channel

FD-49-T317/EX



The 3-channel digital indicator FD-49-T317/EX displays the process information of the fieldbus nodes of a FOUNDATION™ fieldbus network.

The device (listener) receives and displays the values of the adjusted fieldbus addresses. Parameterization is code word protected and implemented via a keypad on the front side. Adjustments can be done for each port separately. The process value of the actuator/sensor is displayed as a 5-digit number and the process value status is displayed via limit value markers.

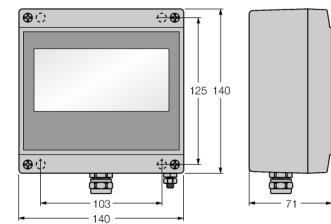
Apart from a measuring value indicator, the display contains a 41-segment bargraph for trend monitoring, which can be scaled separately from the display value.

The FD-49-T317/EX performs as a "listener", i.e. initialization by the host is not required (integration via software redundant) and does not appear in the network as a node with an own address.

The device is supplied with power by the fieldbus (< 10 mA) and can be applied in Ex areas up to temperatures of the class T6.

- Digital fieldbus display for the indication of process values
- Powder-coated die-cast aluminium housing
- Connection of the housing potential via external earthing
- Entity and FISCO compliant according to IEC TS 60079-27

Dimensions



Type	FD-49-T317/EX
ID	6901312
Fieldbus standard	IEC 61158-2
Operating voltage	9...30 VDC
Current self-consumption	≤ 10 mA
Displays/Operating elements	
Display	5-digit 7-segment LCD display
Ex approval acc. to conformity certificate	TÜV 07 ATEX 553588
Device designation	II 2 (1) G EEx ia IIC T6 resp. T5
Device marking	II 2 D IP65 T70°C
	FISCO / Entity field device
Max. input voltage U_i	≤ 30 V
Max. input current I_i	≤ 660 mA
Max. input power P_i	≤ 1600 mW
Internal inductance/capacitance L/C_i	negligible
Electrical connection	Cable gland
	1 x M16 x 1.5 (Ø 5...9 mm), nickel-plated brass
Terminal cross-section	2.5 mm ²
Protection class	IP66
Ambient temperature	-10...+60 °C
Housing material	Powder-coated die-cast aluminium
Housing color	Black
Dimensions	140 x 140 x 71 mm
Connection mode	Wall mounting