

# AZ01

## Self-Supplying Plug-on Display for 4...20 mA Transmitter

- versatile on site display (LED, 4-digit)
- optional with up to 2 limit contacts
- no additional power supply necessary
- plug in connection according to EN 17530
- monitoring and filter function



### Description:

The AZ01 plug-in display is simply plugged in between the housing and the cubic plug of a 4-20 mA converter via a special adapter. This offers a simple and cost-effective option for digitally displaying a measured value on-site and provides to use the output signal without restriction.

Since the display unit takes its energy from the current loop of the transmitter, no additional auxiliary power is necessary.

Optionally, up to two limit contacts provide the possibility of a measured value monitoring and/or switching.

An activated digital measured value damping makes it possible to smooth high-frequency changes in the measured value for a steady display.

### Typical applications:

The plug-on display can be used universally in the entire process measuring technology.

For almost all measuring instruments with cube plug acc. to EN 17530, the plug-on display AZ01 can be installed as an on-site display and limit switch without additional power supply.

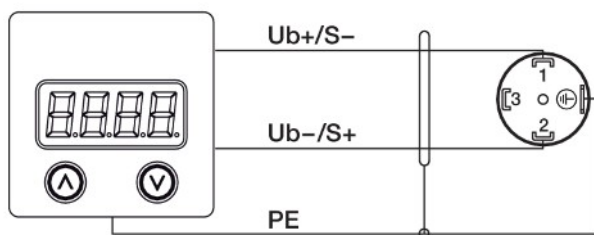
## Technical Data:

<b>Housing material:</b>	plastic, ABS, black
<b>Wiring:</b>	2 x EN 175301-803 Form A
<b>Power supply:</b>	4...20 mA loop powered
<b>Voltage drop:</b>	$\leq 4,2$ V
<b>Signal input/output</b>	4...20 mA
<b>Display:</b>	LED-display, 4-digit height: 7 mm 2 measures/sec.
<b>Scale range:</b>	-1.9.9.9. - 9.9.9.9. adjustable
<b>Indicator delay:</b>	adjustable, 0...30 s
<b>Digital damping:</b>	adjustable, 0...20 s
<b>Short-circuit proof:</b>	permanently
<b>Reverse voltage protection:</b>	max. 200 mA
<b>Power consumption:</b>	$P_{\max}=0,048$ VA
<b>Accuracy:</b>	0,1 % +/- 1 digit
<b>Working temperature:</b>	-20...+70 °C
<b>Storage temperature:</b>	-30...+85 °C
<b>Weight:</b>	0,1 kg
<b>Protection class:</b>	front side IP65

## Alarm contacts (optional):

<b>Contact rating:</b>	max. 0,9 VA / 15 mA / 60 V
<b>Number of contacts:</b>	1 or 2

## Plug connection:

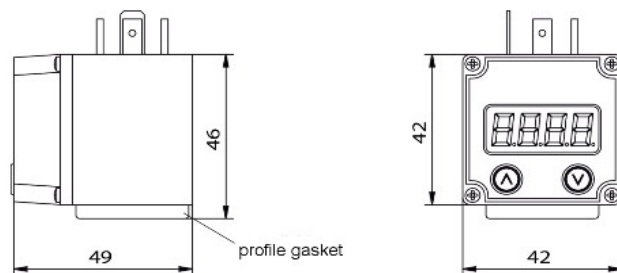


## Order Code:

<b>Order number:</b>	<b>AZ01. A. 0</b>
<b>Self-supplying plug-on display for 4-20 mA transmitter</b>	
<b>Models:</b> A = analogue output (standard) S1 = analogue output + 1 switching contact S2 = analogue output + 2 switching contacts	
<b>Options:</b> 0 = without 9 = please specify in plain text	

## Dimensions:

### without limit contacts:



### with limit contacts:

