

## Type series AZ

### Digital display, plugs onto transmitter



AZ 331

AZ display modules show the output of a transmitter from the MODUFLEX system on an LED display.

On 3-conductor systems the supply and signal voltage is led from the evaluation module via ribbon cable. No additional wiring is needed.

The starting and end values of the display can be set anywhere between -50 and +1199, so that any display range can be assigned to any

pressure range. The decimal point can be moved with a slide switch.

The y-signals of the transmitter can thus be displayed in any unit, e.g. V, mA, bar, mbar, %, °C, °F, psi, m, cm (filling level), m<sup>3</sup>, cm<sup>3</sup> (volume) etc.

#### Technical data

<b>Display</b>	3 1/2 digit LED display, 7 mm high, adjustable display range: -50 to +1999
<b>Supply voltage</b>	24 VAC or 24 VDC. Via ribbon cable from the basic module
<b>Signal voltage</b>	(input) 0–10 V. Signal input via ribbon cable from the evaluation module or from other modules. Signal input switchable with slide switch 9. Normal setting: D (output signal from evaluation module is displayed)
<b>Decimal point</b>	Set with slide switch
<b>Factory setting</b>	Input signal 0–10 V 0–10.00 ± 1 digit
<b>Power consumption</b>	Max. 1 W
<b>Degree of protection</b>	IP 65, in the installed state
<b>Dimensions</b>	Height: 1 module unit = 34 mm

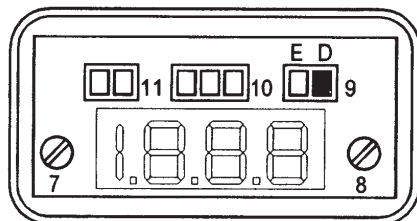
By setting the input selector switch 9 to position E, the unit can be made to display signals generated by other modules. Furthermore, in its condition on delivery (factory setting 0–10.0), the display module can be used for accurately setting the operating range of a transmitter. All controls are accessible from the front, after removing the window. After setting, reinsert the window and press it in evenly.

#### Product Summary

Type	Suitable for	Display	Display range
AZ 331	3-conductor systems	3 1/2 digit	-50...+1999

#### Controls

<b>Potentiometer 7</b>	For setting lower display value (e.g. for y-signal 0%)
<b>Potentiometer 8</b>	For setting upper display value (e.g. for y-signal 100%)
<b>Input selector switch 9</b>	Position D: Output signal of the evaluation module is displayed (normal setting) Position E: Signal of another module is displayed
<b>Decimal point switch 10</b>	For setting the decimal point
<b>Decimal point switch 11</b>	Decimal point on/off



#### Operator interface

AZ 331 (3 1/2 digit)

See above for description of controls.