

# VEGADIS 11

## Digital indicating instrument without external energy



### Application area

VEGADIS 11 is a digital indicating instrument without external energy. It is used for separate measured value indication for 4 ... 20 mA circuits.

### Advantages

- LC display for digital and quasianalogue indication of the measured value
- Indicating range -9999 ... 9999
- Individually adjustable decimal point
- Protection rating IP 67
- Wall or carrier rail mounting

### Function

VEGADIS 11 measures the current in the current loop. The measured value is displayed digitally via the LC display and as bargraph. The digital indication can be scaled.

### Technical data

#### General data

Series	Surface instrument for wall or carrier rail mounting
Housing material	plastic PBT
Weight approx.	0.35 kg (0.772 lbs)

#### Supply circuit

Voltage supply and data transmission	via the signal circuit
Current range	3.5 ... 22.5 mA

#### Indicating and adjustment elements

Adjustment elements	2 keys, 1 rotary switch
Indication	LC multiple function display with bar graph (20 segments, digital value 4-digit), tendency indicator for rising or falling values

#### Ambient conditions

Ambient temperature	-20 ... +70 °C (-4 ... +158 °F)
Storage and transport temperature	-40 ... +80 °C (-40 ... +176 °F)

#### Electromechanical data

Cable gland	2 x cable entry M20 x 1.5 (cable: ø 5 ... 9 mm)
Connection terminals	
– Type of terminal	Screw terminal
– Max. wire cross-section	2.5 mm <sup>2</sup> (AWG 14)

#### Electrical protective measures

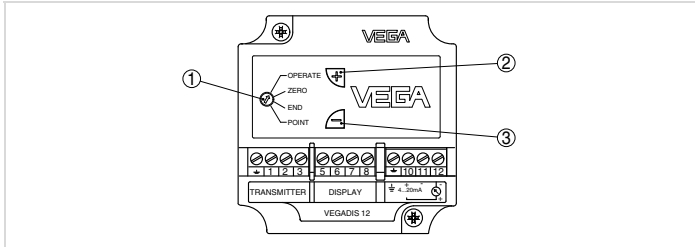
Protection rating	IP 65
Overvoltage category	II
Protection class	II

### Approvals

You can find detailed information on the existing approvals in the "configurator" on our homepage under [www.vega.com/configurator](http://www.vega.com/configurator).

## Operation

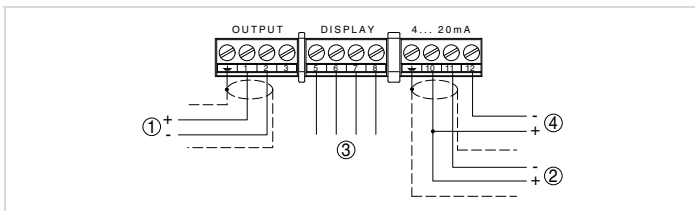
For scaling the indication, VEGADIS 11 is equipped with an adjustment module. Adjustment is carried out via a rotary switch and two keys.



Adjustment elements of VEGADIS 11

- 1 Rotary switch: choose the requested function
- 2 [+] key, change value (rising)
- 3 [-] key, change value (falling)

## Electrical connection

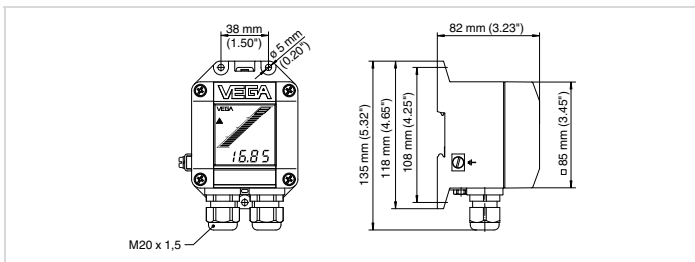


Wiring plan - passive sensor

- 1 To the sensor
- 2 For voltage supply or to the processing system (active input)
- 3 for indication
- 4 Control instrument (4 ... 20 mA measurement)

You can find details on the electrical connection in the operating instructions of the instruments on our homepage under [www.vega.com/downloads](http://www.vega.com/downloads).

## Dimensions



## Information

You can find further information about the VEGA product line on our homepage [www.vega.com](http://www.vega.com).

In the download section under [www.vega.com/downloads](http://www.vega.com/downloads) you'll find free operating instructions, product information, brochures, approval documents, instrument drawings and much, much more.

## Contact

You can find the VEGA agency serving your area on our homepage [www.vega.com](http://www.vega.com).