

# VEGADIS 175

## Digital indicating instrument without external energy for front panel mounting



### Application area

VEGADIS 175 is a digital indicating instrument without external energy. It is used for separate measured value indication for 4 ... 20 mA circuits.

### Advantages

- 5-digit, scalable LC display
- Indicating range -19999 ... 19999
- Individually adjustable decimal point
- Compact housing
- Protection rating IP 65

### Function

VEGADIS 175 measures the current in the current loop. The measured value is displayed digitally via the LC display. The digital indication can be scaled.

### Technical data

#### General data

##### Materials

- |                                       |                        |
|---------------------------------------|------------------------|
| – Housing front                       | Aluminium die-casting  |
| – Housing                             | Sheet steel galvanized |
| – Rear of the housing                 | plastic ABS            |
| – Inspection window of the indication | Polyester foil         |

Weight approx. 0.3 kg (0.661 lbs)

#### Supply circuit

- |                    |                |
|--------------------|----------------|
| Range              | 4 ... 20 mA    |
| Input circuit max. | 150 mA         |
| HART signal        | is transmitted |

#### Indicating and adjustment elements

- |                     |                     |
|---------------------|---------------------|
| Indication          | LC display, 5-digit |
| Adjustment elements | 3 keys              |

#### Electromechanical data

- Screw terminals for cable cross-section up to
- |                              |                              |
|------------------------------|------------------------------|
| – massive                    | 1.5 mm <sup>2</sup> (AWG 15) |
| – Cord with cable end sleeve | 1.0 mm <sup>2</sup> (AWG 18) |

#### Ambient conditions

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| Ambient temperature               | -10 ... +60 °C (14 ... +140 °F)  |
| Storage and transport temperature | -25 ... +70 °C (-13 ... +158 °F) |

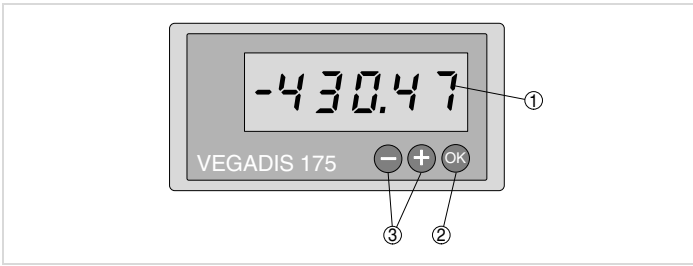
#### Electrical protective measures

- Protection rating
- |                                       |       |
|---------------------------------------|-------|
| – between front frame and front panel | IP 65 |
| – Terminals                           | IP 20 |

### 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).

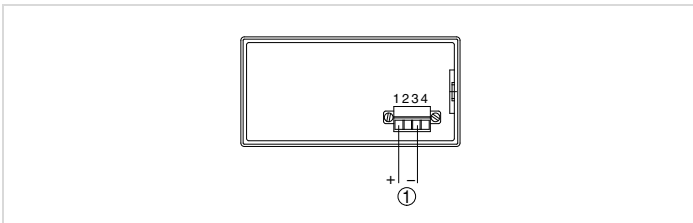
## Operation



Adjustment elements VEGADIS 175

- 1 LC display
- 2 Adjustment key
- 3 Selection keys

## Electrical connection

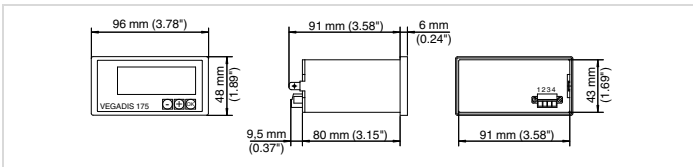


Terminal assignment VEGADIS 175

- 1 To power supply or the processing system

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).