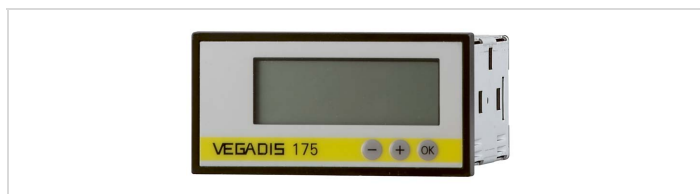


VEGADIS 175

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 ² (AWG 15) |
| – Cord with cable end sleeve | 1.0 mm ² (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

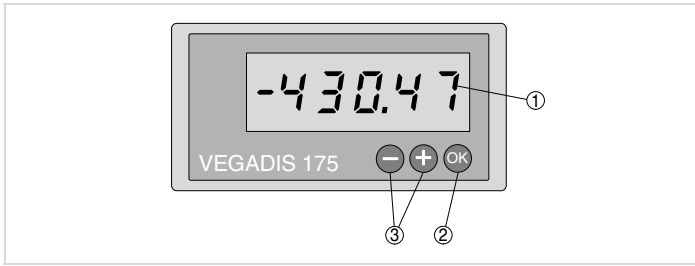
Protection rating

- | | |
|---------------------------------------|-------|
| – 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.

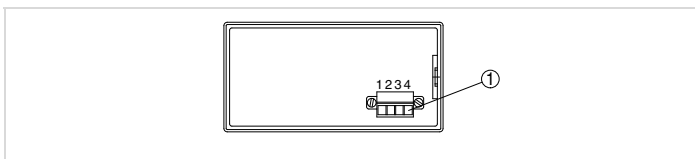
Operation



Adjustment elements VEGADIS 175

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

Electrical connection

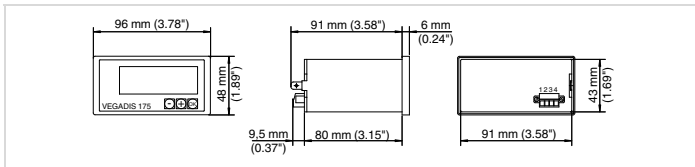


Terminal assignment VEGADIS 175

- 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.

Dimensions



Information

You can find further information about the VEGA product line on our homepage www.vega.com.

In the download section under 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.