

Mounting instructions

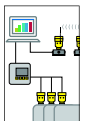
Housing ISO-GEH.BXX

Protective housing for VEGAMET 381



Document ID:
38159

Signal conditioning instruments
and communication



1 Product description

The housing is designed for installation of a VEGAMET 381 signal conditioning instrument . It is used when the protection rating of the signal conditioning instrument is not sufficient, for example when used in the field or outdoors. When installed correctly, the protection rating is increased to IP 65.

The signal conditioning instrument is simply snapped onto the integrated carrier rail in the housing. The display of the signal conditioning instrument is always visible due to the transparent cover.

The housing has three cable feedthroughs (PG 13.5) for electrical connection on its underside. On the opposite side there are another three holes (PG 13.5) that are provided with blind plugs.

2 Mounting and connection

The housing is designed for wall/surface mounting and can be fastened via four screws (max. \varnothing 4 mm) after removal of the cover. The hole distance is 160 x 110 mm.



If a signal conditioning instrument in Ex version is mounted, the housing may not be installed in hazardous areas. Take note of the Ex-specific safety instructions attached to each instrument with Ex approval.

- 1 Mount the instrument in the allotted place. The cable entries should point downward to ensure better protection against moisture.
- 2 Snap the signal conditioning instrument onto the preassembled carrier rail.
- 3 Carry out the wiring. Use cable with round cross-section. A cable outer diameter of 7 ... 12 mm ensures the seal effect of the cable gland. If you are using cable with a different diameter or cross-section, exchange the seal or use a suitable cable gland. Details on mounting and electrical connection can be found in the respective operating instructions manual.
- 4 Close unused cable gland openings with a stopper, or use blind stoppers instead, so that the housing is sealed and the protection rating maintained.
- 5 Insert the cover and tighten it with the white plastic screws.

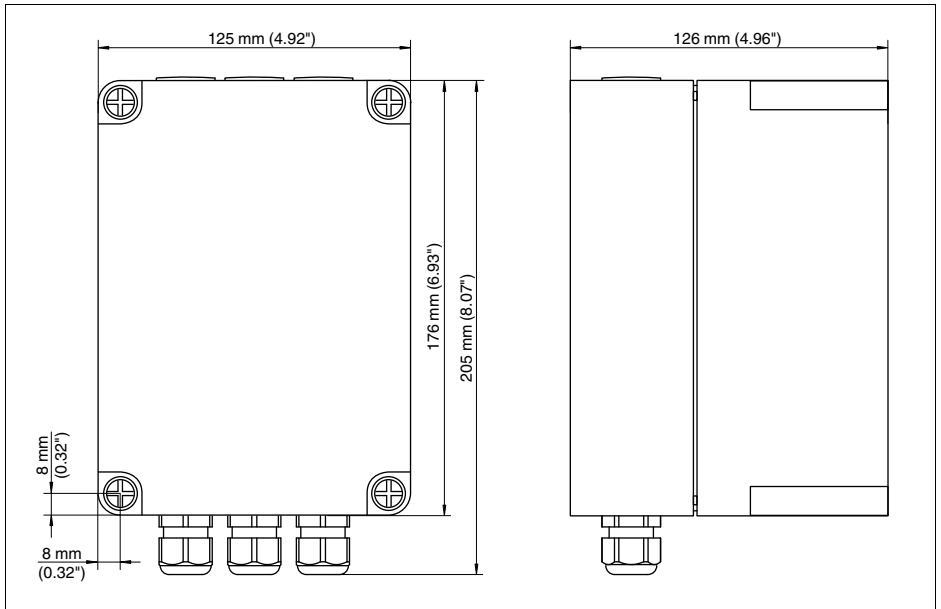
3 Supplement

3.1 Technical data

General data

Dimensions	(see dimensional drawing)
Housing materials	
– Lower part/Cover	Polycarbonate
– Cover screws	Polyamide
– Seal	Polyurethane
– Carrier rail	galvanized steel
Flammability	UL746C 5V
Colour	RAL 7035
Protection rating	IP 65
Ambient temperature	-50 ... +100 °C (-58 ... +212 °F)

3.2 Dimensions





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All statements concerning scope of delivery, application, practical use and operating conditions of the sensors and processing systems correspond to the information available at the time of printing.

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