Mounting instructions

Housing ISO-GEH.CXX

Protective housing for series 600 controllers

Document ID: 38161

VEGA

1   Product description

The housing is designed for installation of a series 600 controller e.g. VEGAMET 624/625 or VEGASCAN 693. It is used when the protection rating of the controller is not sufficient, for example when used in the field or outdoors. When installed correctly, the protection rating is increased to IP65.

The controller is simply snapped onto the integrated carrier rail in the housing. The display of the controller 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. ø 4 mm) after removal of the cover. The hole distance is 160 x 110 mm.

If a controller 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 alloted place. The cable entries should point downward to ensure better protection against moisture.

2. Snap the controller onto the preassembled carrier rail.

3. Carry out the wiring. Use cable with round cross-section. A cable outer diamter 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 plugs instead, so that the housing is sealed and the protection rating maintained.

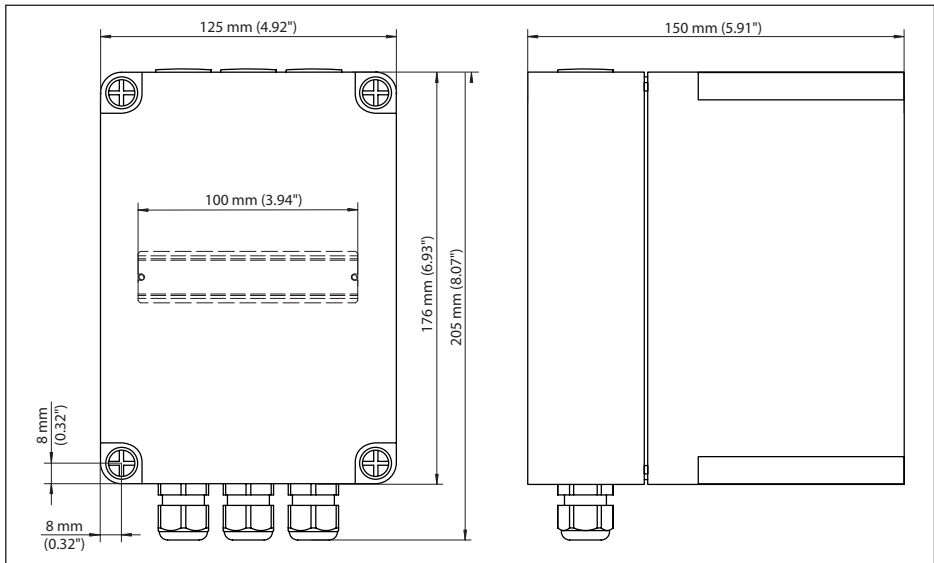5. Insert the cover and tighten it with the white plastic screws.

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 35 x 7.5	Galvanized steel, 100 mm (3.94 in)
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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