Mounting instructions

ISO-GEH.AXX, ISO-GEH.DXX

Protective housing for VEGAMET 391

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Document ID: 38160

VEGA

1 Product description

The housing is designed for installation of a VEGAMET 391 controller. 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 screwed onto the integrated mounting plate. The display of the controller is always visible due to the transparent cover.

For electrical connection, the housing has four cable leadthroughs (ISO-GEH.AXX) or eight cable leadthroughs (ISO-GEH.DXX) on the bottom side. The appropriate cable glands (M20) are included in the scope of delivery.

2 Mounting and connection

The housing is designed for wall/surface mounting and can be fastened via four screws (max. ø 6 mm) after removal of the cover and the intermediate frame. The hole distance is 180 x 280 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. Screw the controller with the enclosed screws (M4) onto the mounting plate. Several mounting positions are possible (left/middle/right).

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 the provided stoppers, or use blind stoppers instead, so that the housing is sealed and the protection rating maintained.

5. Insert the intermediate frame and tighten it with the attached black plastic screws. Use the attached screw adapter.

6. Insert the cover and tighten it with the attached 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
Flammability	UL94 V-2
Colour	RAL 7035
Protection rating	IP65
Cable glands M20	IP65
Ambient temperature	-50 … +100 °C (-58 … +212 °F)

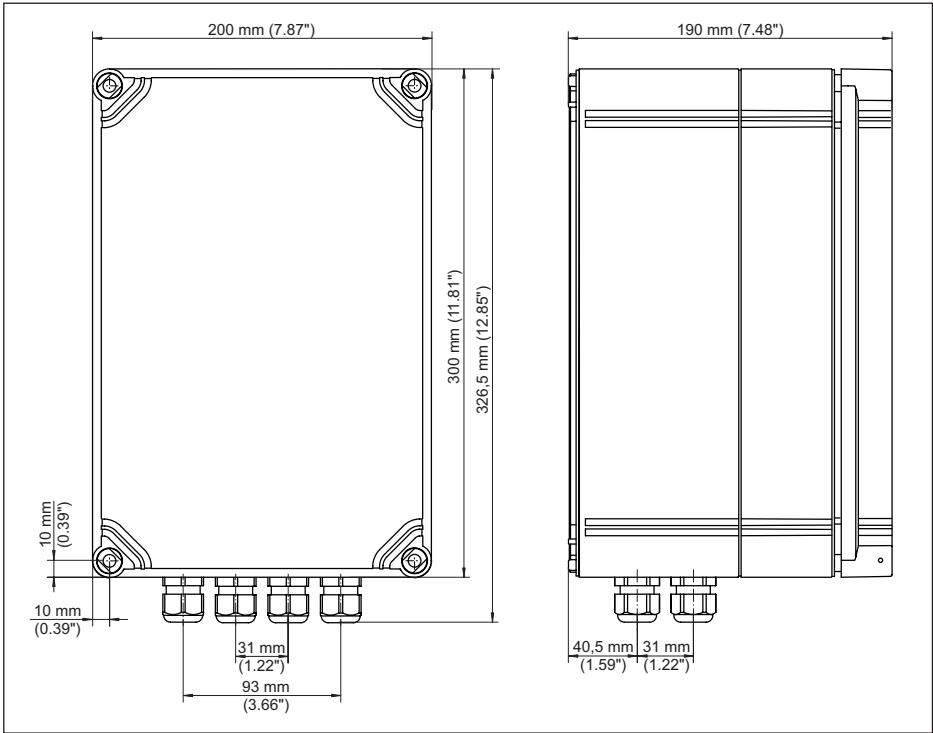## 3.2 Dimensions
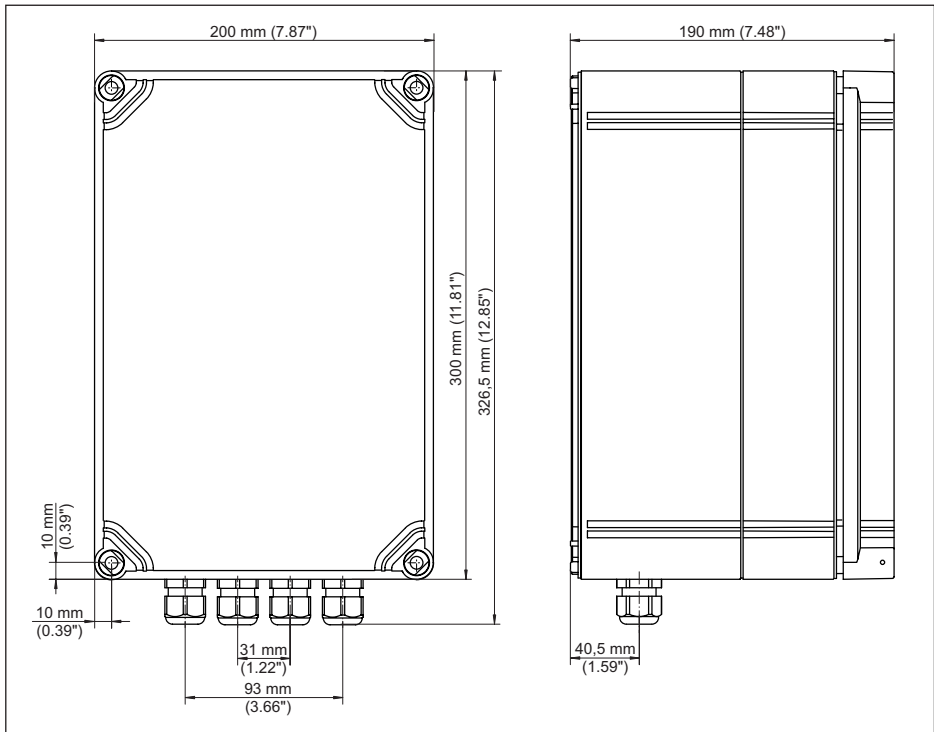
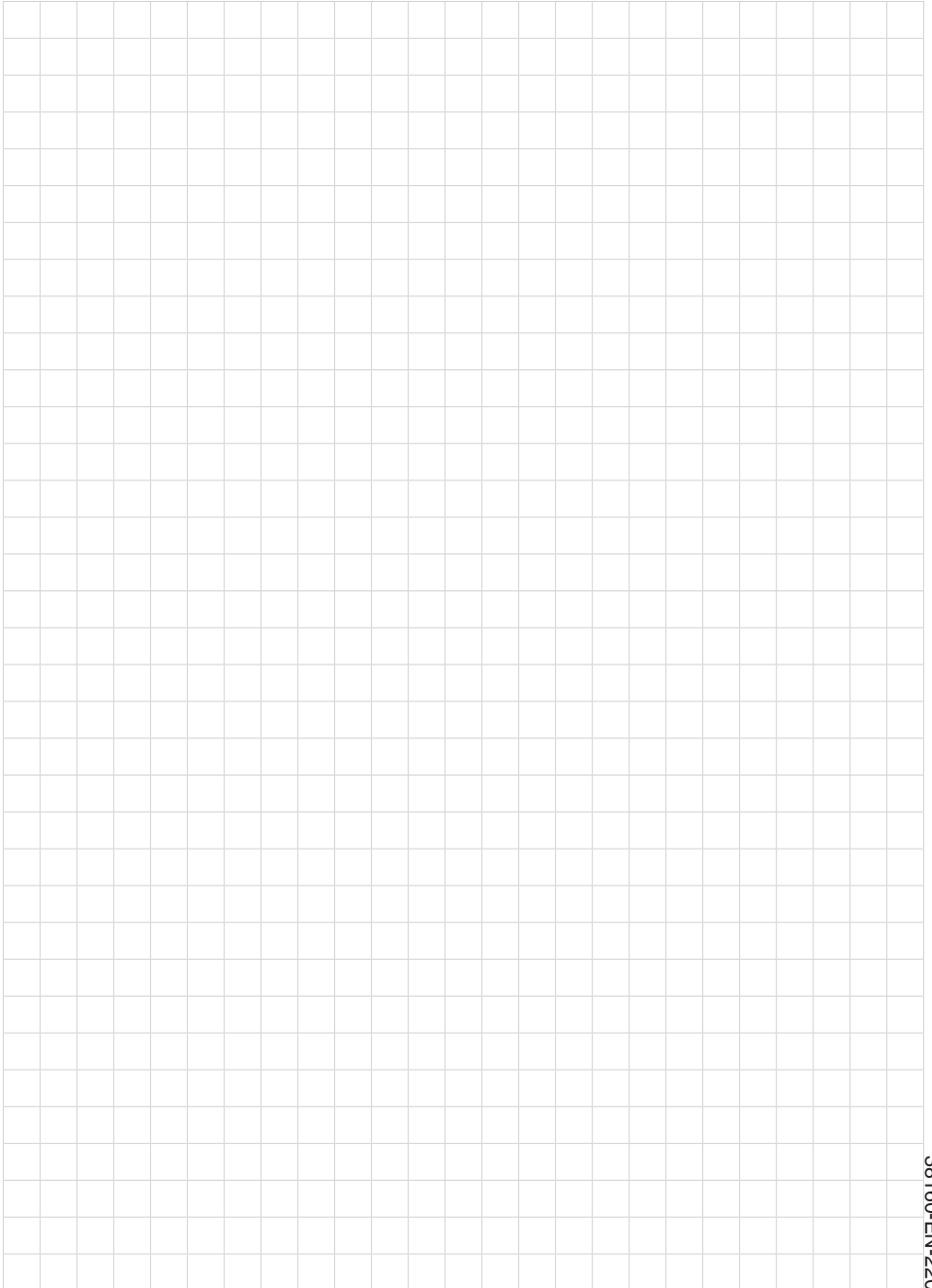*Fig. 1: Dimension ISO-GEH.AXX with 4 cable leadthroughs*

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Fig. 2: Dimension ISO-GEH.DXX with 8 cable leadthroughs

ISO-GEH.AXX, ISO-GEH.DXX • Protective housing for VEGAMET 391

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