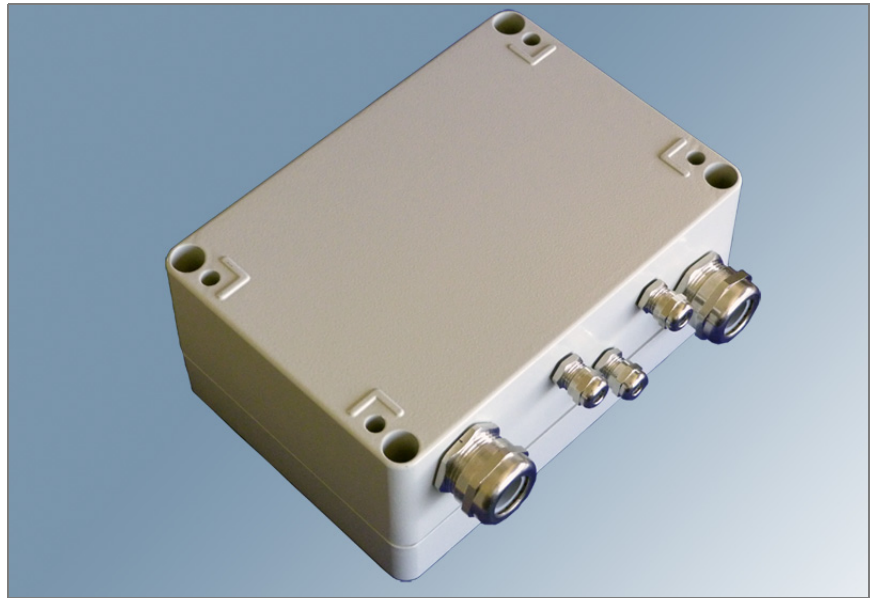




Terminal housing AC-2123



C 104795.002 / V01

© AC-2123 EN 5.11.12

Use

NOTE



This manual is a part of the product. Read the manual carefully before using the product.

The AC-2123 is a terminal housing. With it, a number of types of installation can be realised.

Scope of Supply

No mounting screws are included in the scope of supply.

Fittings:

- 3x M12 x 1.5 with brass plugs
- 2x M25 x 1.5 with brass plugs

Accessories pack:

- 3x EMC fitting with O-ring
- 2x EMC fitting with O-ring



Technical Data

Dimensions (W x L x H):	140 mm x 200 mm x 91 mm
Weight:	1.75 kg
Material:	Aluminium
Outside paint:	RAL 7032
Seal:	HF Neusil
Rail:	TS 35
Working temperature:	-30 °C to +100 °C
Protection class:	IP66 according to EN 60529
Cable fittings:	3x M12 x 1.5 mm
Clamping range:	3 - 6.5 mm
Cable fittings:	2x M25 x 1.5 mm
Clamping range:	9 - 16 mm

Dimensioning

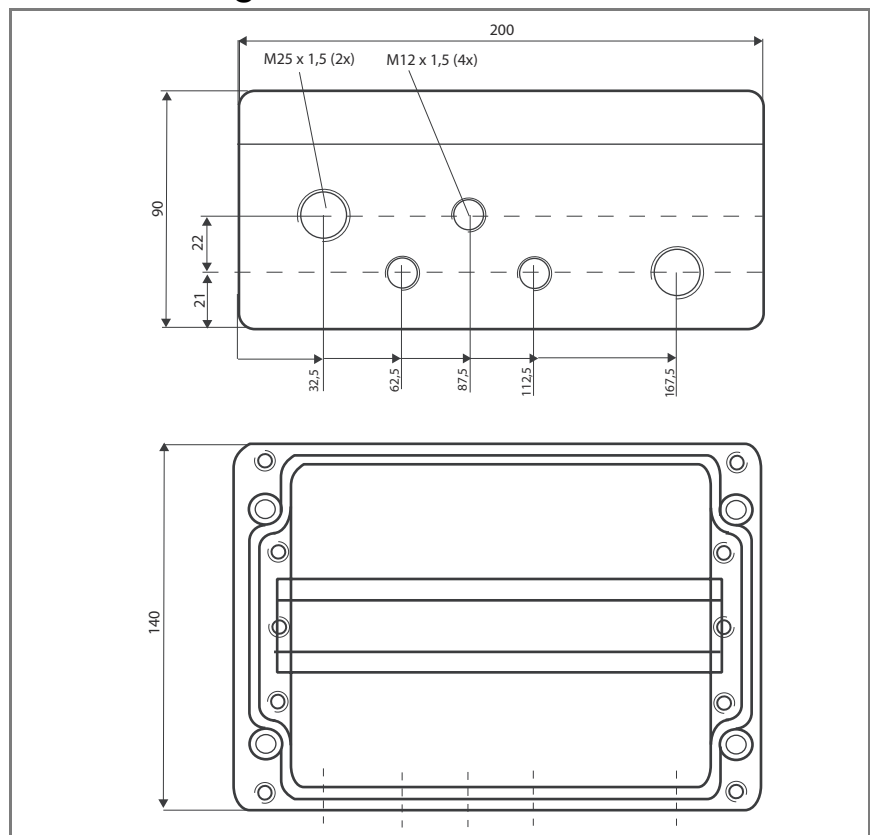
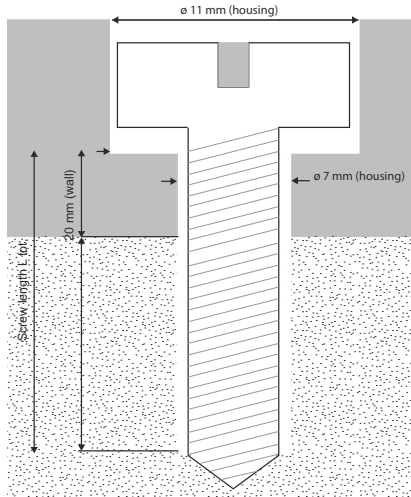


Figure 1) Dimensions of the AC-2123 terminal housing



Assembly



Requirements

- ⇒ Secure the terminal box to non-vibrating machine parts.
- ⇒ Observe the temperature (radiative heating) at the installation site.
- ⇒ For mounting you need a free surface of at least 200 mm x 140 mm.

Mounting the housing

The correct spacing of the drill holes is drawn on the back of the terminal box.

Holes for wall mounting

1. First, mark the positions for the drill holes.
2. Drill the four mounting holes.
3. Remove the housing cover.
4. Secure the housing: Screw in all 4 installation screws (Ø screw head < 10.5 mm).
5. Connect sensors.

NOTE



The cable fittings may limit the operating temperature. Take this into account for your installation.

NOTE



Unused cable fittings may not be left open, as otherwise the IP protection is not ensured.

- ⇒ Ensure that the seals and seal surfaces are not soiled.
- 7. Close the unused cable fittings with the included plugs.
- 8. Put the housing cover back on: Screw on the cover with the 4 mounting screws.



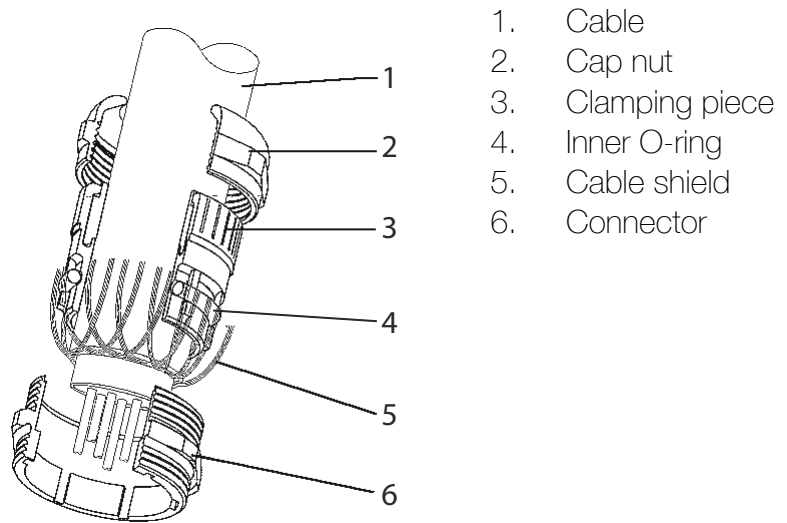


Figure 2) *Layout of the cable shield in the cable fitting*

