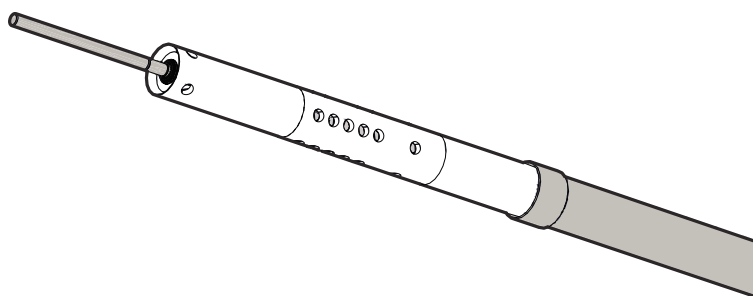


Installation Guide

Warmed Probe Accessory HMT330WPA



Overview

HMT330WPA is an installation kit for mounting the warmed probes of the HMT330 and PTU300 transmitters. The kit enables you to combine the warmed probe and the additional temperature probe into an easily manageable unit that can be supported by a cable conduit or a threaded bar. Note the following:

1. Install HMT330WPA pointing down to prevent condensed water from collecting inside it.
2. If using a cable conduit to support the HMT330WPA, seal the upper end of the conduit.
3. Install thermal insulation if external environment is in different temperature than the measured space.

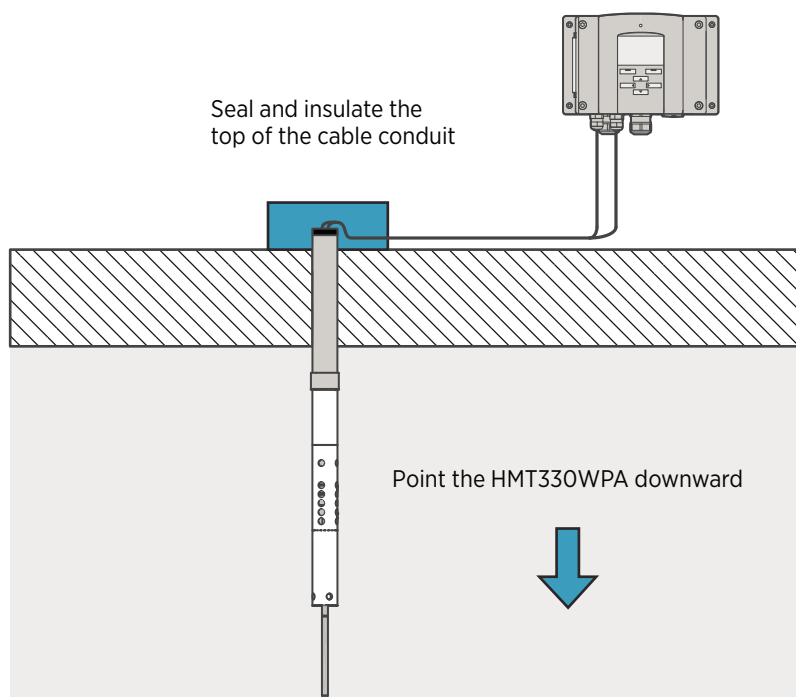


Figure 1 Recommended Installation using a Cable Conduit



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HMT330WPA Dimensions

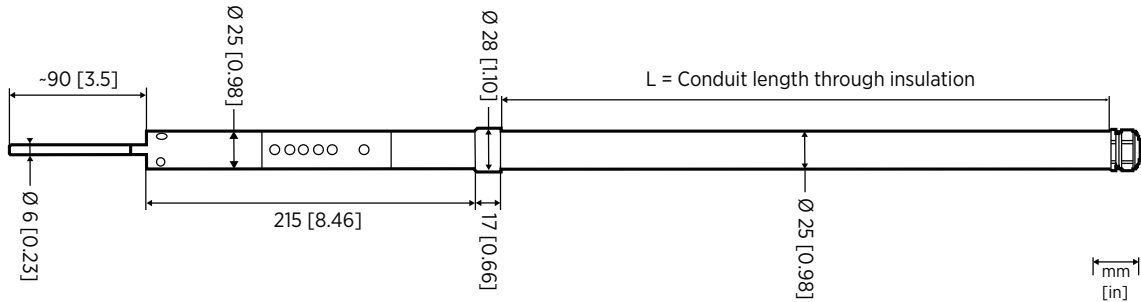


Figure 2 HMT330WPA Dimensions

HMT330WPA Parts

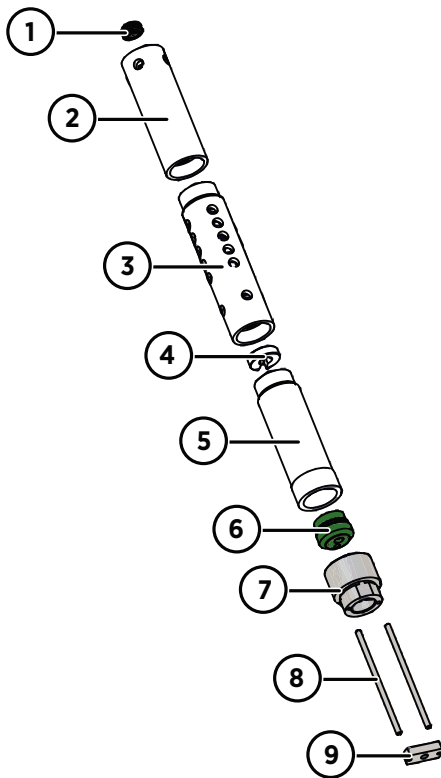


Figure 3 HMT330WPA Parts

- 1 Grommet
- 2 Measuring tube (T)
- 3 Measuring tube (RH)
- 4 Support
- 5 Tube
- 6 Sealing rubber with two-hole cut
- 7 Screw sleeve adapter with PG 16 thread for attaching a cable conduit
- 8 M3 threaded bar for connecting the flange (2 pcs)
- 9 Flange with M8 thread for threaded bar

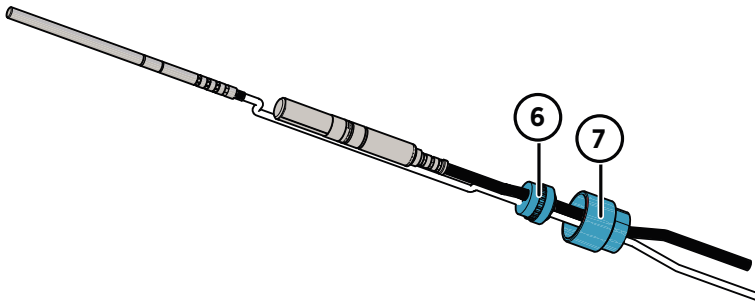
The flange (9) and the short M3 threaded bars that connect it to the screw sleeve (8) are only needed when supporting the HMT330WPA with a threaded bar.



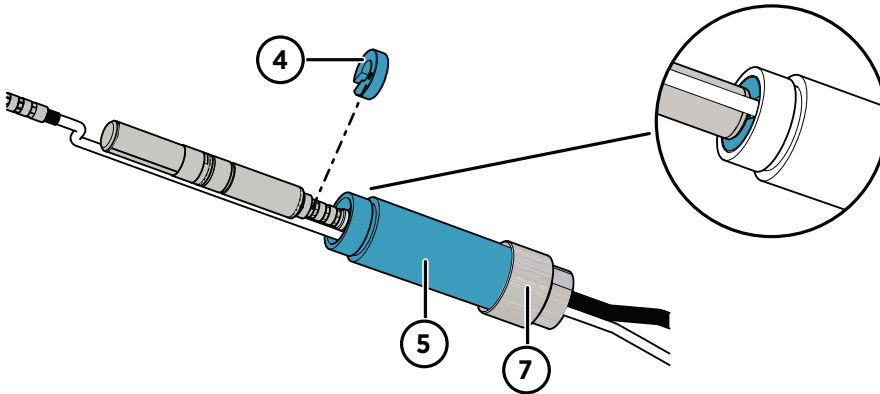
Before starting, consider how you will support the finished assembly. If you want to use a cable conduit, you must insert the probes through the conduit before assembling them into the HMT330WPA.

Assembling HMT330WPA

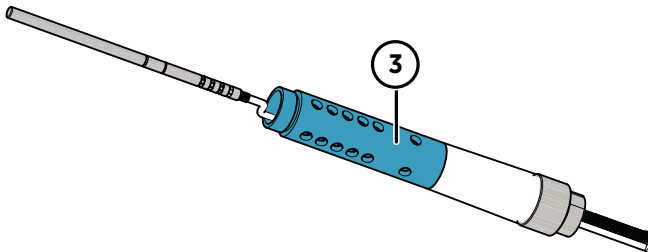
- ▶ 1. Bring the probes together as shown below. Insert the screw sleeve (7) over the probes and connect them together with the sealing rubber (6).



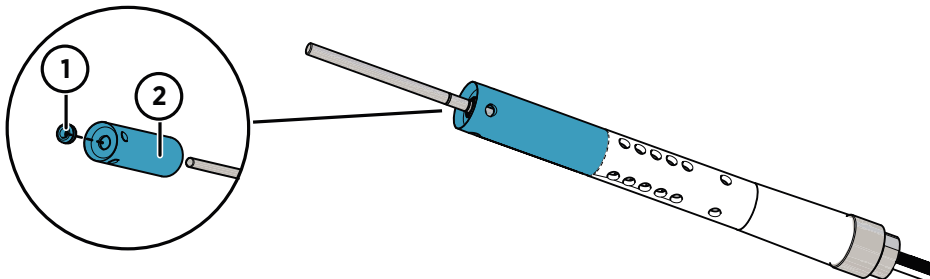
- 2. Insert the first tube (5) over the probes and tighten it to the screw sleeve (7). Insert the small white plastic support (4) to the cable at the base of the RH measurement probe. Route the cable of the T probe so it rests in the cutout of the support. Push the screw sleeve so that the support goes inside the tube.



- 3. Tighten the RH measuring tube (3) over the RH measurement probe. This is the tube with most holes on the sides.



- 4. Insert the grommet (1) to the hole at the end of the T measuring tube (2). Then push the temperature probe through the grommet and tighten the tube.



Mechanical Support Option 1: Cable Conduit

Connect the conduit to the PG 16 thread on the screw sleeve (7).

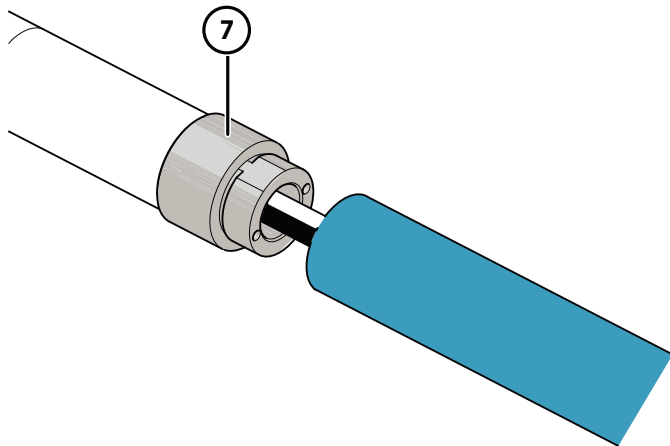


Figure 4 Supporting HMT330WPA with a Cable Conduit

Mechanical Support Option 2: M8 Threaded Bar

Attach the flange (9) to the screw sleeve (7) using the two M3 threaded bars (8). Use thread-locking fluid to secure the bars. Then connect your M8 threaded bar to the flange.

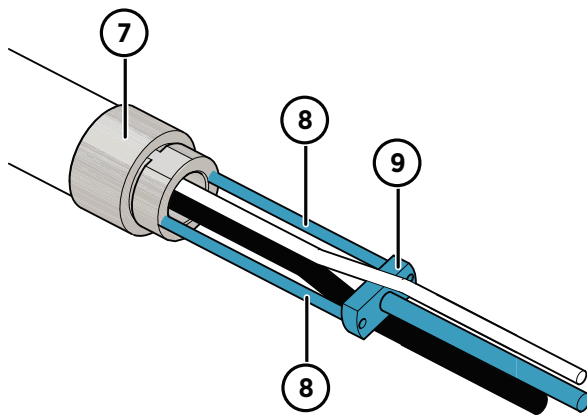


Figure 5 Supporting HMT330WPA with a Threaded Bar