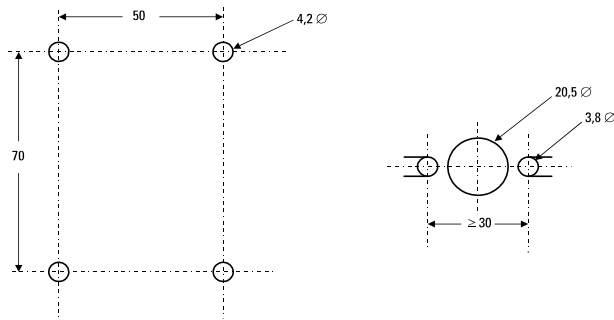


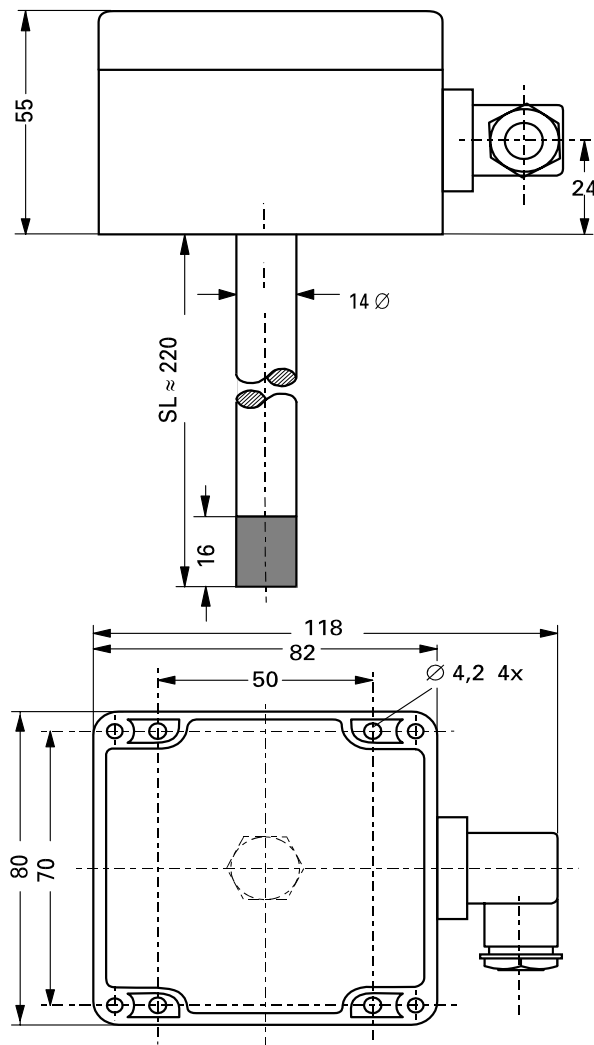
The duct version is mounted by means of the enclosed flange on top of the duct.
Screws up to 3.5 mm shaft diameter can be used.

Fig 2 Outline drilling holes wall / duct-mounting



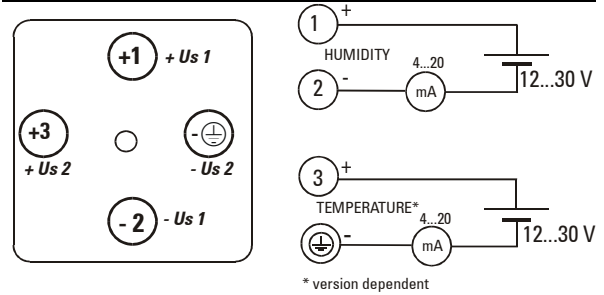
Select appropriate immersion depth into the duct to achieve representative results. This is the case when there is sufficient distance from the duct wall, the sensing head gets always fresh sample and there is no radiation effect from the duct wall. It certainly is possible to mount the instrument by means of a bracket

Fig. 3 Dimensions duct sensor



and the fixing holes of the housing onto the duct. To connect the cable, remove the screw of the angled connector first, lever out the plug insert by means of the small screw driver.

Fig. 4 Electrical connection

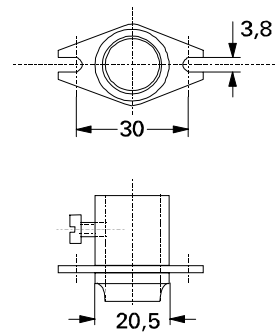


Us = Supply voltage

1,2 = Humidity; 3, ⊕ = Temperature

Feed cable through compression gland (from outside) and connect according to connecting diagram above. Take care to use two independent supplies for the combination of humidity and temperature. Plug loose insert onto pins of instrument and remount plug housing with compression gland directing into the

Fig. 5 Dimensions flange



optimal position (there are 90° rotations possible) until it snaps on. Push screw through plug and tighten. Tighten cable gland.

CALIBRATION / MAINTENANCE

A (re)calibration is only possible at factory: The instrument is maintenance free. Take care that the pores of the sinterfilter are kept free and will not be clogged. If necessary replace sinterfilter.

When de-mounting the sinterfilter, pay attention for screwing off not to damage the sensitive sensor inside. Remounting of new filter 5312-740-00361 vice versa.

SERVICE

In case of defect or recalibration the instrument must be sent to manufacturers place.

ELECTROMAGNETIC COMPATIBILITY

Meets EN 50 081-1 and EN 50 082-2