

Hygienic adaption with welding sleeve system

This modular welding sleeve system ensure a hygienic process adaptation, tha can be used elastomer-free and dead-space free.

Because this is a elastomer-free sealing system, no additional sealing materials may be used (such as Teflon, hemp or similar).

Please always use our auxiliary welding plugs so that the heat generated during welding can be dissipated. This applies to all hygienic welding socket systems from our company (M12, G1/2", G1"). Please note that welding in with too much heat can lead to deformation of the sealing edge and a seal can no longer be guaranteed when mounting the sensor. This may also result in the formation of undesirable microbial nests.

Welding-help-plug

M12



ESS05

G 1/2"



ESS15

G 1"



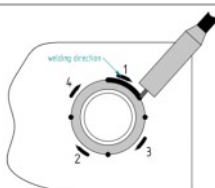
ESS35

Welding instruction

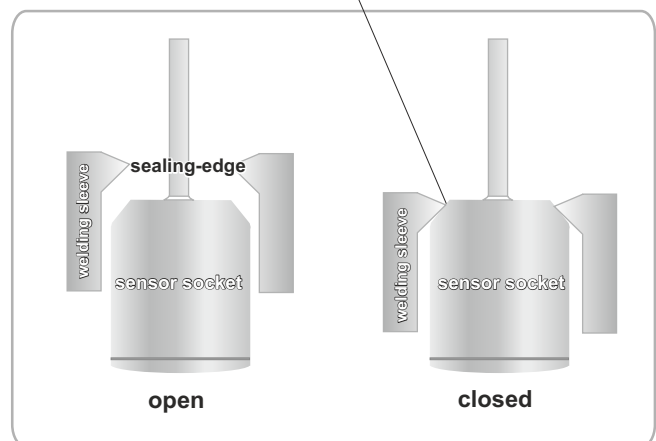
Welding in tanks / pipings

1. Drill a hole with outside-diameter of the sleeve
Tolerance max. : +0,2 mm
2. Spot the sleeve with 4 points (fig. 1)
3. Screw in welding-help-plug
4. Weld the sections between the points (fig. 2)
4 sections when M12 and G1/2"
8 sections when G1"

- Consider reasonable time breaks between the welding seam to prevent any heat damage.
- After cooling down, check for heat damages such as sealing edge bends.
- Perform the inner welding seam (inside tank) after the outside welding seam.



Metallic Sealing!
Don't use any additional sealing materials!



For installations according to EHEDG: Obey the specific guideline No. 9 "Welding stainless steel to meet hygienic requirements"