

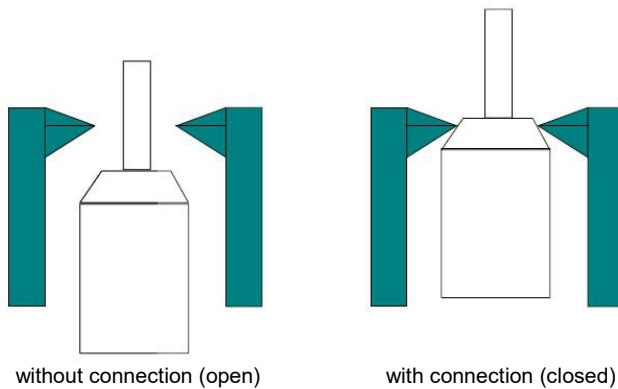
welded sleeves and sealing plugs

features

- dead space- and elastomer free process adaption for temperature sensor WTR 150, WTR 350, WTR 450, level switch NGS 150, level rod probes NST 150, NST 250, ...
- hygienical compatible mounting in cases and pipelines in all areas of the food and pharma industry
- EHEDG and FDA-conform
- marking of PG-position by lasermarking at the sleeve
- material 1.4404 (316L), other materials on request
- on request deliverable with material certificates

principle of function

- the taper at screw neck of sensors will be pushed to the seal face of welded sleeve while screwing into the thread. Due to this a metallic seal without further elastomere seals will be obtained.



mounting instruction

- Important: use only welded sleeves of company promesstec, to reach a secure and optimal measuring point. Pay attention to the max. acceptable clamping torque at assembly.

welding instruction

**Shrink-wrap in tanks and pipelines**

1. drill the hole with the external diameter or welded sleeve. max tolerance +0.2mm
2. attach welded sleeve at 4 points (Abb 1)
3. screw shrink-wrap help in
4. welding sections between the points (Abb 2)  
4 sections at G1/2", 8 sections at G1"

**Important:** to avoid annealing or warping of the welded sleeve, breaks between the sections are to be assessed, that welded sleeve can cool down.

**Important:** The lasermark PG on the sleeve will show the position of screwing of the particular sensors.

