

Installation Manual

Sensors including Hygienic Steel Connect G1/2 process adaptation

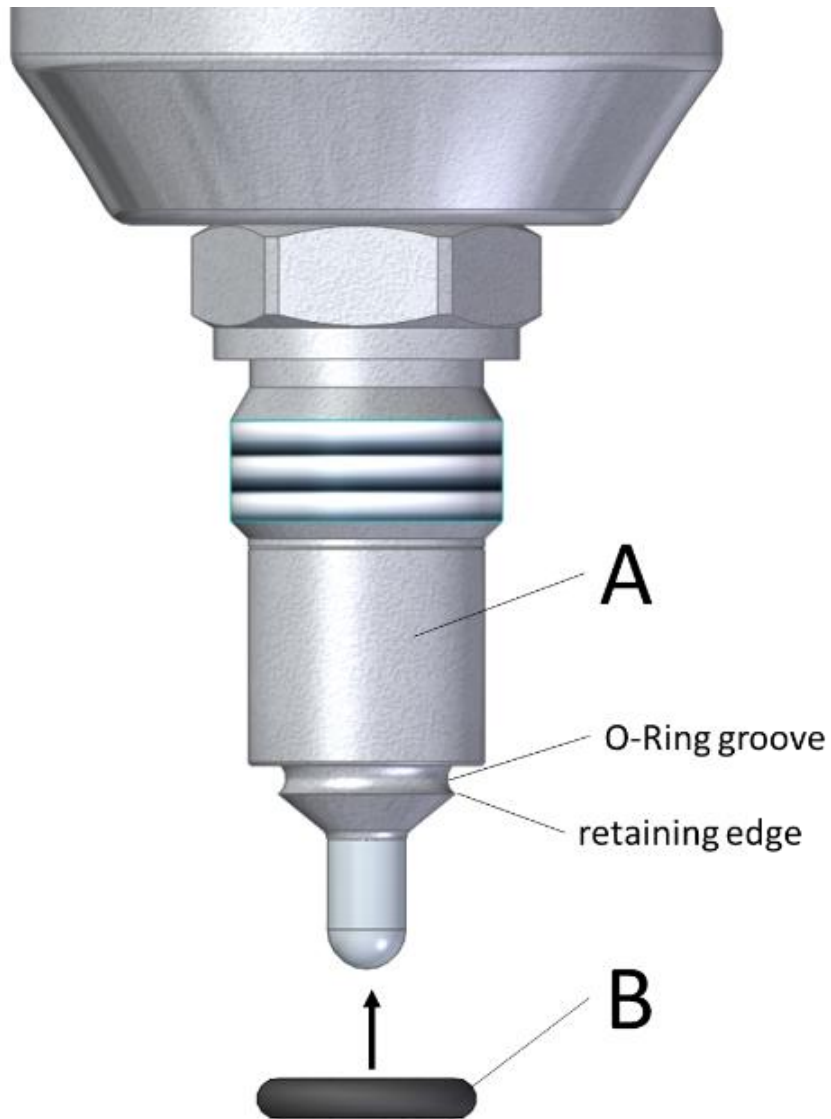
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Mounting of O-Ring seal

Mount the O-Ring seal (B) into the O-Ring groove of the Sensor (A) by pushing it evenly over the retaining edge.



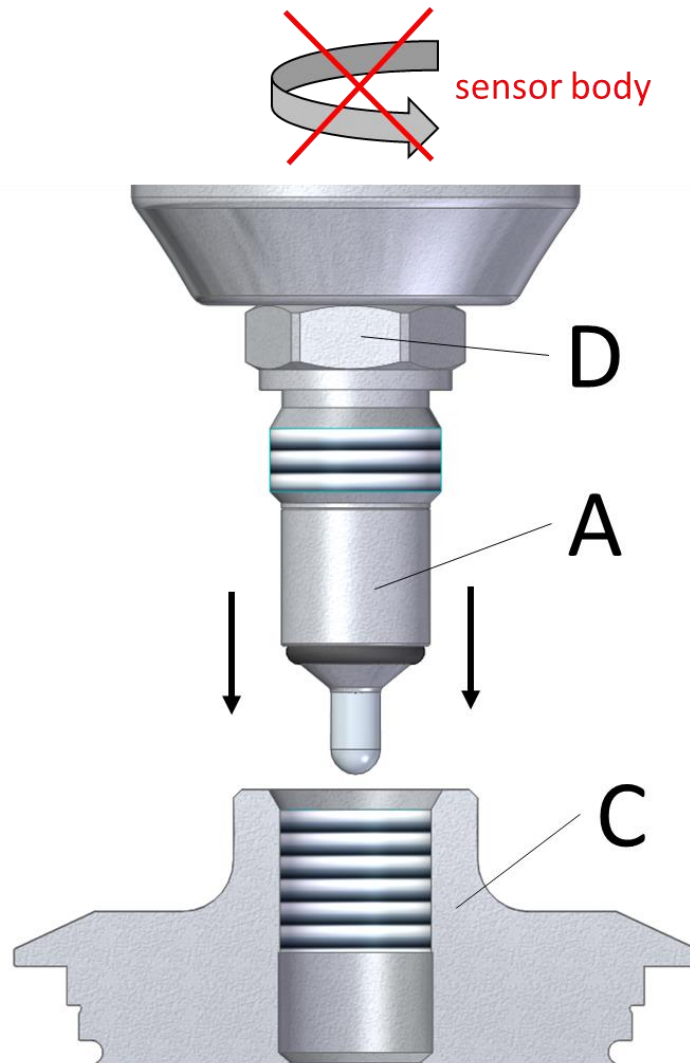
ATTENTION:

Avoid uneven stretching of the O-Ring. Do not use lubricant for hygienic reasons. Check for any defects of the retaining edge and O-Ring groove first.

Mounting of Sensor

Insert the sensor into the process adapter (C) and tighten the screw cap (D) hand-tight. Do not rotate the sensor body (A) to avoid damage of the O-Ring seal.

After hand-tightening, retighten the screw cap (D) by applying a torque of 20 Nm.



OPTIONAL:

Apply grease on the sensor thread. The grease material has to be suitable for the application. Avoid grease contact on the O-Ring.

Mounting of process adapter

In general, two mounting types of process adapter are available:

1. **Weld-in sleeves**

For welding instructions, please refer to type sheet:
“EHEDG G1/2 Muffen”

2. **Demountable adapter**

Fixate the process adapter using a fixation element (coupling nut, clamp flange ect.) In addition, apply specific installation instruction if available

ATTENTION:

For EHEDG hygienic installation, please refer to valid EHEDG guidelines.

Cleaning and inspection of process adaptation

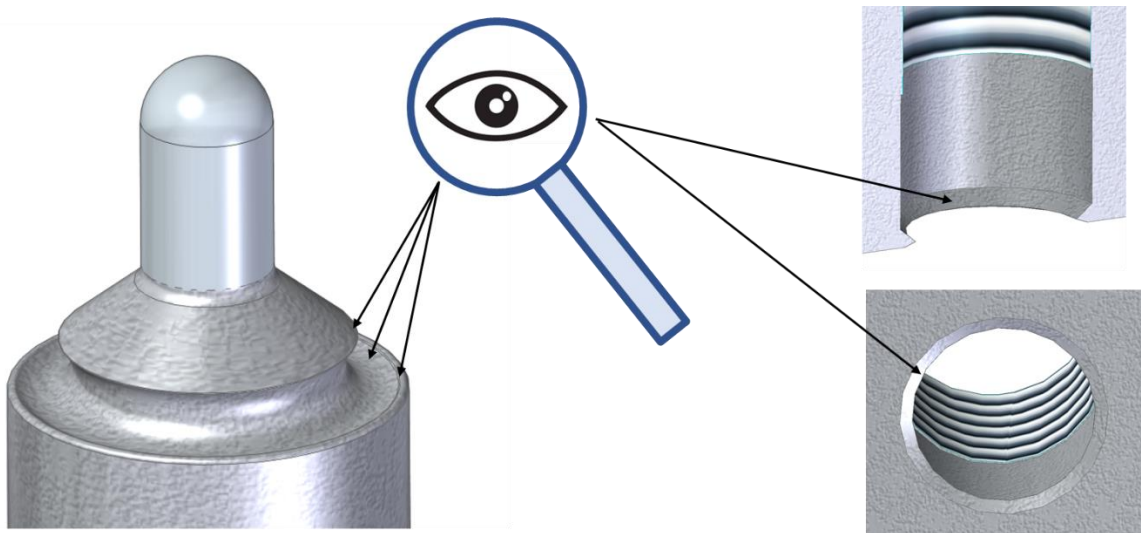
To ensure reliable functionality and hygienic requirements, the process adaptation needs to be checked regularly.

NOTE:

The inspection interval need to be adapted to the specific application.

INSPECTION:

Visually inspect the O-Ring seal, sealing areas of the sensor and the process adapter for any defects such as grooves, marks, process medium residue. In case of any defect, replacement of the defect part must be carried out.



CLEANING:

The O-Ring seal must not be cleaned. Please replace any contaminated O-Ring seal. In case of any medium residue or other contamination on the sensor or process adapter, gently clean the sealing areas with a non-abrasive cloth. In addition, use a detergent that is suitable and approved for the application.