

ifm electronic



Installation Instructions

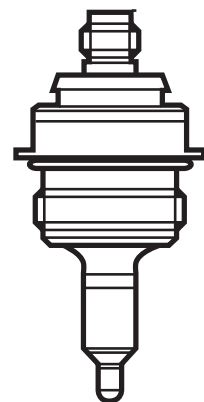
Temperature sensor

efector600[®]

TMxx61

UK

706039/00 06/2011

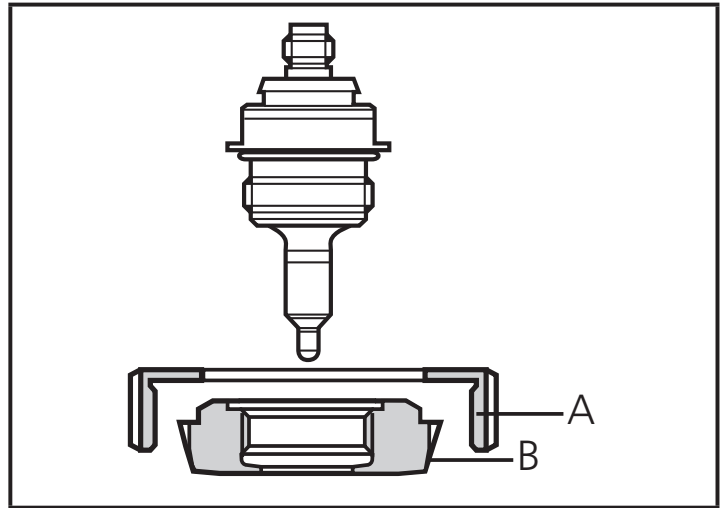




Make sure that there is no medium flowing through the system before mounting and removing the sensor. Take into account possible dangers which may arise from extreme plant/medium temperatures

The unit is adaptable for various process fittings. Aseptoflex adapters to be ordered separately as accessories.

Mount adapter (B) to the sensor first, then sensor + adapter to the process connection by means of a nut, a clamping flange or similar (A).



Welding adapter

If you use a welding adapter: Weld the adapter first. Then mount the sensor.

Mounting of the Aseptoflex adapter

Step 1

Slightly grease the threads and sealing areas of the sensor and adapter with lubricating paste.

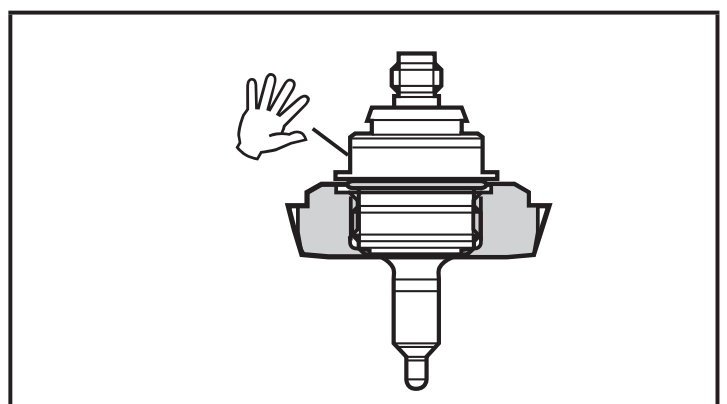
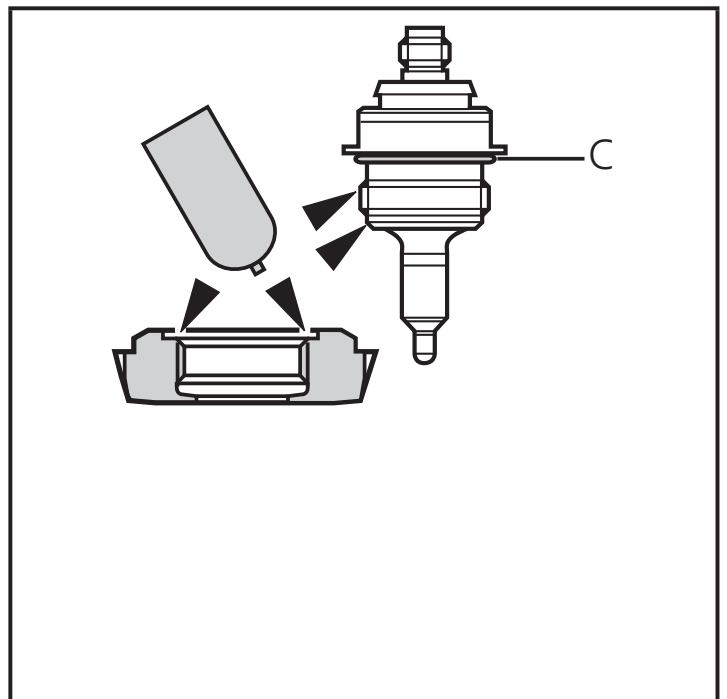
The paste must be suitable and approved for the application and compatible with the elastomers used.

Recommendation: Klüber paste UH1 84-201 with USDA-H1 approval for the food industry.

Make sure that the O-ring (C) is correctly positioned.

Step 2

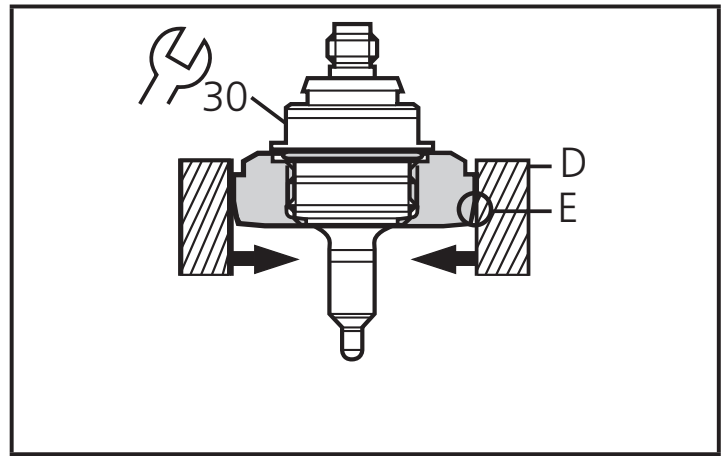
Screw the sensor into the adapter. Avoid mechanical influence on the sealing chamfers.



Step 3

Clamp sensor and adapter into a clamping device (D). The sealing chamfers (E) must not be damaged. Tighten the sensor with a spanner until you can feel the end stop.

If you continue to turn, this can have adverse effect on the sealing.



NOTE: A guarantee for a long-term stable and maintenance-free fitting, with no bug traps in the hygienic sealing of the metal seal (Aseptoflex connection) is only valid for once-only mounting.

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