

ifm electronic



Installation instructions
G ½ hygienic fitting adapter
with O-ring / PEEK sealing ring

efector600®

E43911

UK

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1 Functions and features

The use of the E43911 kit is required for sensors with G $\frac{1}{2}$ hygienic fitting to be in compliance with 3A requirements.

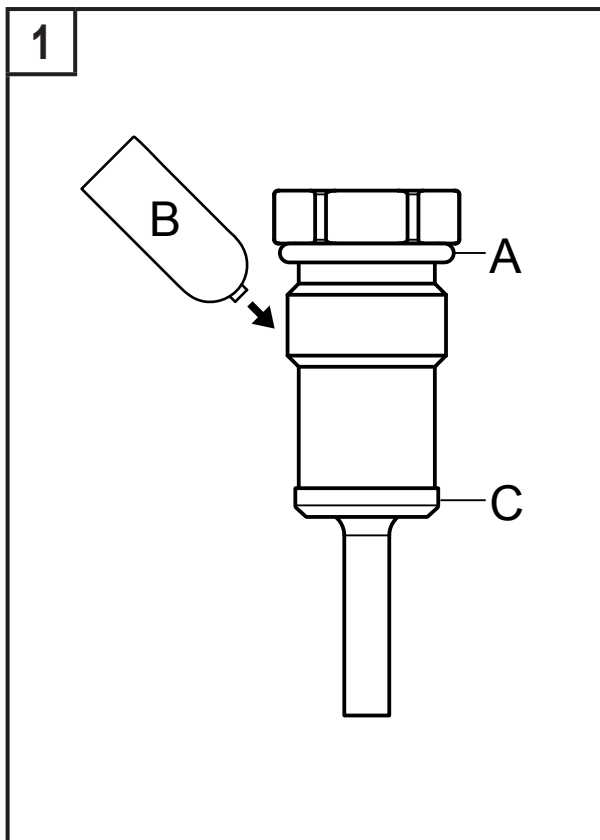


Use in hygienic areas to 3A requirements:

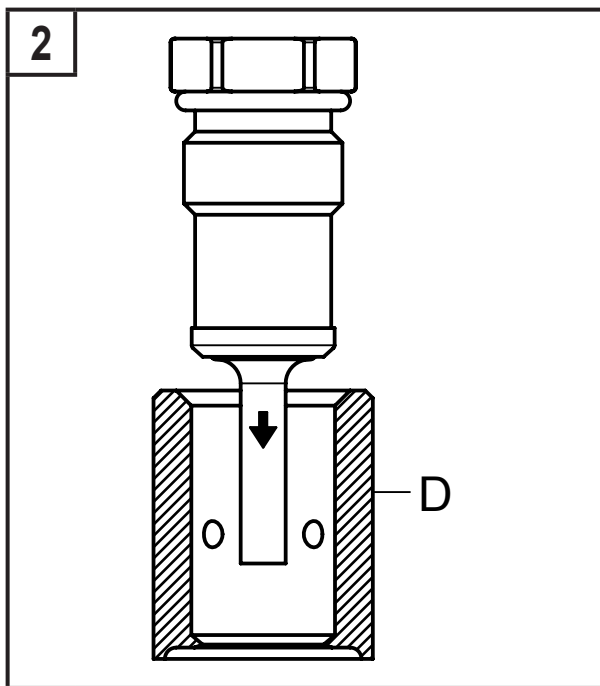
- Make sure that the sensors are integrated into the system in accordance with 3A.

2 Installation

2.1 Mounting to the sensor

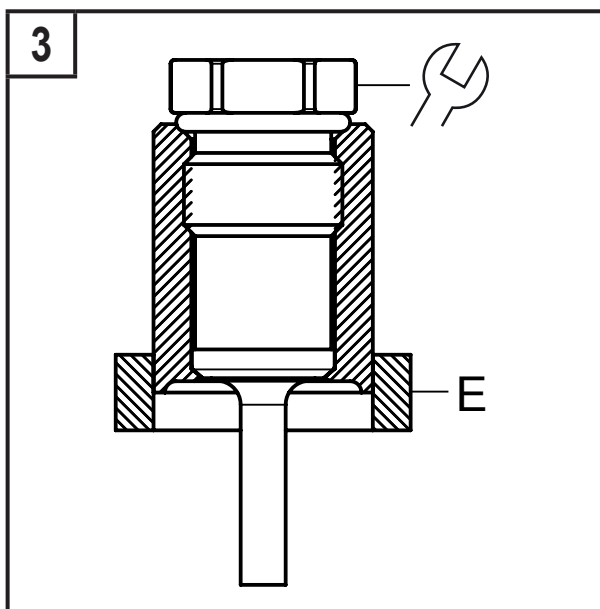


- Place the sealing ring (A) in the groove of the sensor.
- Apply a small amount of lubricating paste (B) only to the threads to prevent galling. The paste must be suitable and approved for the application and compatible with all components. Prevent the lubricating paste from coming in contact with the seals.
- Place the conical sealing ring (C) onto the conical end of the process adapter. When installing vertical place conical seal into the adapter. Ensure the conical seal is properly aligned.



- Screw the sensor into the adapter (D) until it is hand-tight. When doing so, ensure that the conical sealing ring remains in position against the conical end of the sensor.

UK



- Clamp the sensor and adapter into a clamping device (E). Tighten the clamping device only slightly so that the adapter does not warp.
- Tighten the sensor using a spanner until you can feel the end stop (this corresponds to a maximum tightening torque of 25 Nm).
Note: Further tightening may affect the sealing effect.



To ensure proper sealing use a new conical sealing ring when servicing the sensor.

2.2 Mounting to the process connection

- When the sensor and adapter are fixed to the process connection using a fixing element (coupling nut, clamp flange, etc.). If it is not possible to slide the fixing element down over the top of the unit: slide it up over the bottom of the unit before the adapter is mounted.

3 Technical data and scale drawing

Technical data and scale drawing at www.ifm.com.