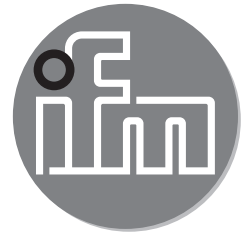


ifm electronic



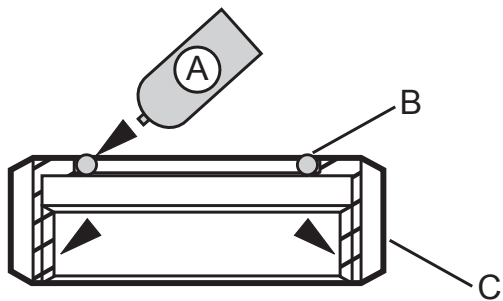
Installation Instructions
Universal process adapter RD52

UK

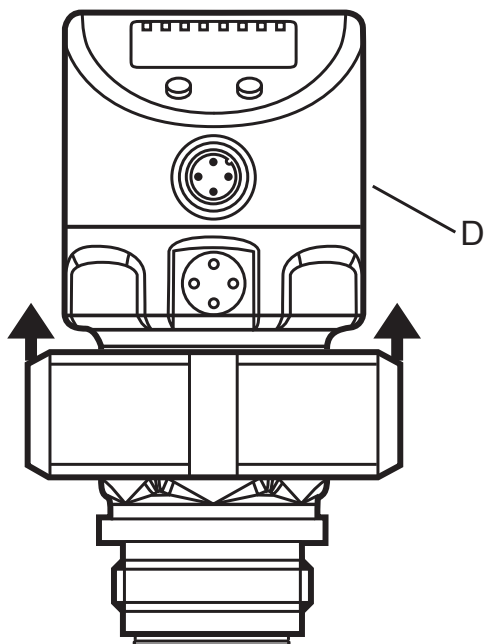
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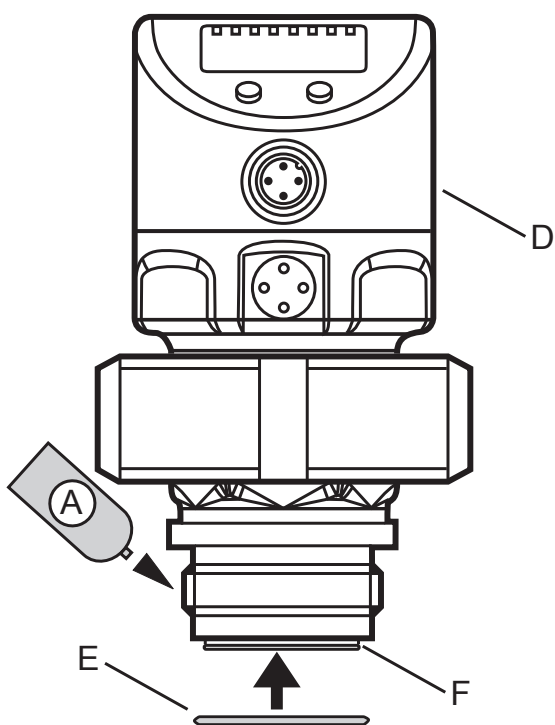
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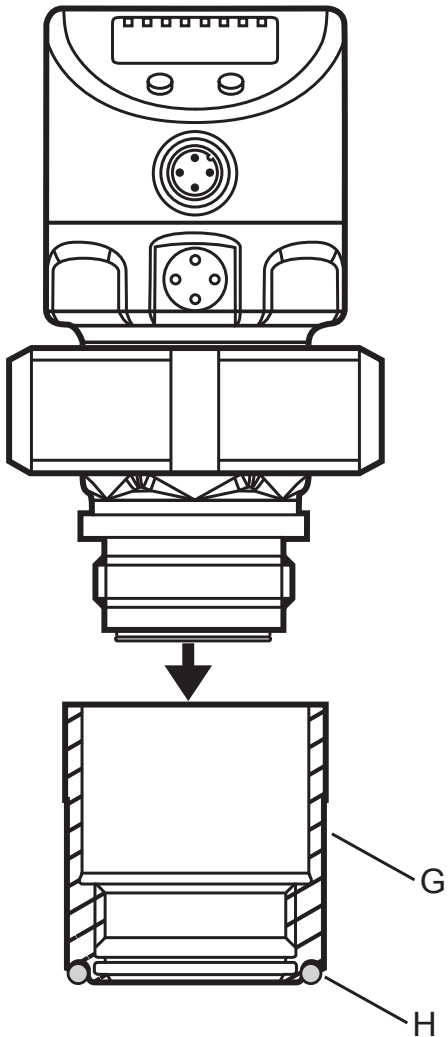
- ▶ Grease thread and sealing (B) of the coupling nut (C) with paste (A). The paste must be suitable and approved for the application and compatible with the elastomers used.



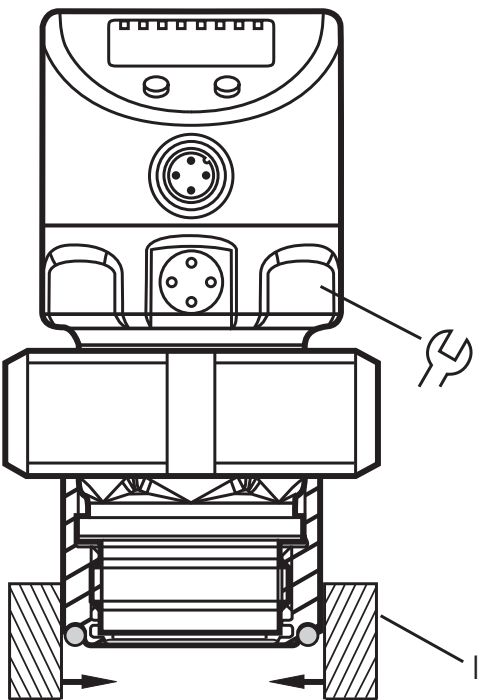
- ▶ Slip the coupling nut onto the sensor (D) from the bottom.



- ▶ Grease the sensor thread with the paste (A) (see above).
 - ▶ Place the sealing ring (E) in the groove (F) of the sensor.
- The adapter is supplied with an EPDM O-ring. More sealing rings are available as accessories:
- FKM O-ring, order no. E30123.
 - PEEK sealing ring, order no. E30124.
- Use a new adapter when changing from a PEEK seal to O-ring sealing.



- ▶ Screw the sensor into the adapter (G) until it is hand-tight. When doing so, avoid mechanical effects on the sealing areas, the hygienic area and the pressure measuring cell..
- ▶ Make sure that the O-ring (H) is correctly positioned.



- ▶ Clamp the sensor + adapter into a clamping device (I). 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 35 Nm). Note: Further tightening may affect the sealing effect.

- ▶ Insert the unit in a universal process connection RD52.
- ▶ Tighten the coupling nut.