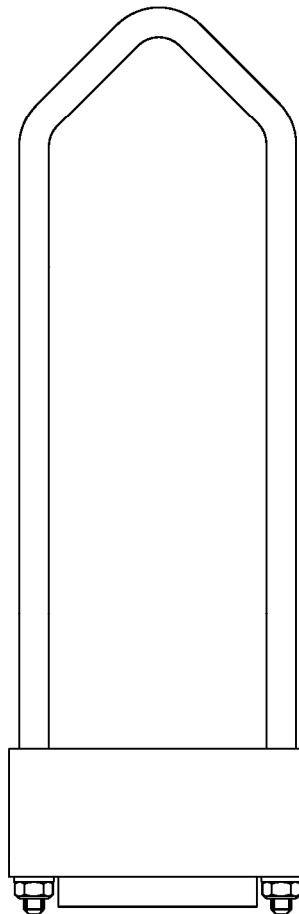


# EH/U 170

**Single sensor holder,  
suitable for operation in potentially explosive areas**



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**Installation instructions**

## Instructions on explosion protection

### Installation and operation



Observe the following safety instruction when installing and operating the electrode holder in potentially explosive areas:

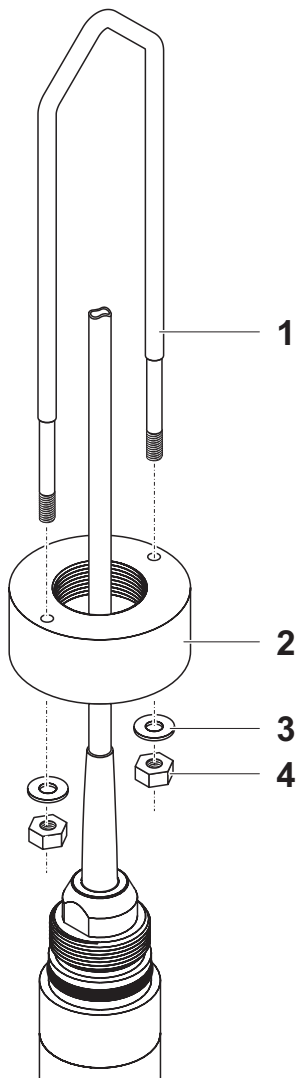
#### Warning

**Incorrect installation or operation of the EH/U 170 electrode holder can affect its explosion protection and thus cause an explosive atmosphere to detonate. Therefore, the following points must be strictly observed when using the electrode holder in potentially explosive areas:**

- The EH/U 170 electrode holder may not be used in areas that are continuously, for long periods or frequently potentially explosive (zone 0). Before installing the electrode holder, the potential explosiveness of the installation location must be assessed and the suitability of the EH/U 170 must be determined.
- The EH/U 170 electrode holder may be installed in potentially explosive areas by specialist electricians only, according to the relevant regulations and the instructions in this operating manual, especially the data concerning explosion protection in the chapter, TECHNICAL DATA.
- In potentially explosive areas, the EH/U 170 may only be installed and operated with WTW sensors and WTW accessories that comply with the valid explosion protection regulations.
- The metallic handle of the EH/U 170 need not and may not be connected to the potential equalization system.
- In potentially explosive areas, the EH/U 170 may be cleaned with a damp cloth only.
- The plastic packing parts have to be removed and disposed of outside the potentially explosive area.

## Installation

Remove the thread protection ring from the sensor connection head and install the electrode holder according to the following picture:



## Technical data

### Dimensions:

Total length	176 mm
Diameter	60 mm

**Materials** (position numbers see picture on the left side):

Pos.	Designation	Material
1	Handle	Stainless steel 1.4571 (V4A)
2	Fixing ring	POM
3	Disk	Stainless steel 1.4571 (V4A)
4	Nut	Stainless steel 1.4571 (V4A)

### Explosion protection:

The EH/U 170 electrode holder, article no. 109320 is suitable for operation in potentially explosive areas.

Explosion protection characteristics: II 2 G IIB T6

