

In-line electrode holder 9240



USER MANUAL

BAMO INTERNATIONAL

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In-line electrode holder
9240

28-07-2021

M-140.02-EN-AA

pH

140-02 /1

SAFETY INSTRUCTIONS

- Assembly, commissioning and maintenance must be carried out by qualified technicians.
- Install the device while observing the limits of its technical features.
- Use adequate personal protection during disassembly or maintenance.
- This device only works under the operating conditions listed in this manual.

DESCRIPTION

The electrode holder 9240 series is suitable for in-line measurement of pH or ORP under pressure. For large diameter pipes, mounting should be done in a bypass and adding a pressure drop (restriction, elbow, valve etc.) in order to ensure a correct circulation of the liquid. The measurement flow should be limited at maximum 500 l/h to avoid a too high liquid speed around the electrode and to insure a correct pH measurement.

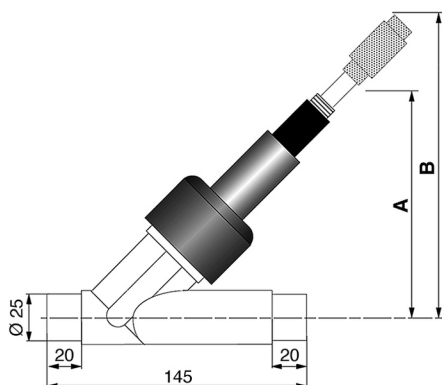
Compatible electrodes are standard types with fitting PG 13.5 and length 120 mm (data-sheet 150-01 /-02 /-03).

TECHNICAL FEATURES

Max. pressure	7 bar at 20 °C
Max. temperature	50 °C
Material	PVC
Electrode fitting	PG 13.5
Pipe fittings	Spigot ends for solvent welding, Ø 25

DIMENSIONS [mm]

With connector 9054: A = 140 and B = 280



INSTALLATION

9240 electrode holder: to install in-line. Arrow on the body specifies the direction of circulation of the liquid.

- Clean the surfaces of spigot ends with a cloth soaked in a stripper and degreaser.
- Proceed to solvent welding according the characteristics of materials.

ELECTRODE MOUNTING

The electrode is fragile, all precautions must be taken during assembly by screwing it in the holder by hand. The wiring is done as indicated in the instructions for the electrode.

CALIBRATION - MAINTENANCE

The electrode cannot be calibrated fitted on the holder. Once released from the holder, the electrode may be calibrated as indicated in its commissioning. Maintenance consists of removing deposits that may occur inside the holder. Calibrating the electrode and cleaning the holder should be done at least once a month.

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