

# Dissolved oxygen probe AQUAPLUS



- Optic-luminescent sensor
- Measuring range from 0.01 to 50 mg/l
- Quick and easy maintenance
- Automatic compensation of temperature and conductivity
- Pressure limit: 1 bar
- Protection: IP68

## APPLICATIONS

The sensor AQUAPLUS, reliable and easy to use, is designed for dissolved oxygen measurements in all applications like:

- WWTP (e.g. aeration basin)
- Lakes and rivers
- Fish farming and aquaculture

## DESCRIPTION

AQUAPLUS sensor works on the principle of Dynamic Luminescence Quenching. This technology offers valuable advantages over any conventional electrochemical method. It results on a high-precision measurement with low maintenance costs.

The sensor has a high sensitivity to low oxygen concentrations and it is not affected by contamination or poisoning by chemicals such as sulfite, sulphate, chlorine and ammonia.

Probe signal sent to the monitor is digital. With the integrated sensors, the measurement is compensated according to temperature and conductivity.

Technology and quality of the AQUAPLUS probe allow its use in a large number of applications where reliability of dissolved oxygen measurement is critical.

For a safe and easy installation, we recommend the probe holder 9336 OD designed for measuring in basins.

## TECHNICAL FEATURES

Measuring range	From 0.01 to 50 mg/l
Resolution	0.01 mg/l
Accuracy	From 0 to 20 mg/l: $\pm 1\%$ of reading From 20 to 50 mg/l: $\pm 10\%$ of reading
Liquid temperature limits	-5 ... +50 °C
Immersion depth	Min. 75 mm; Max. 10 m
Materials	Marine grade aluminum alloy
Dimensions	$\varnothing 24$ mm; Length 250 mm

**CE Conformity**      **The instrument meets the legal requirements of the current European Directives.**

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**AQUAPLUS**

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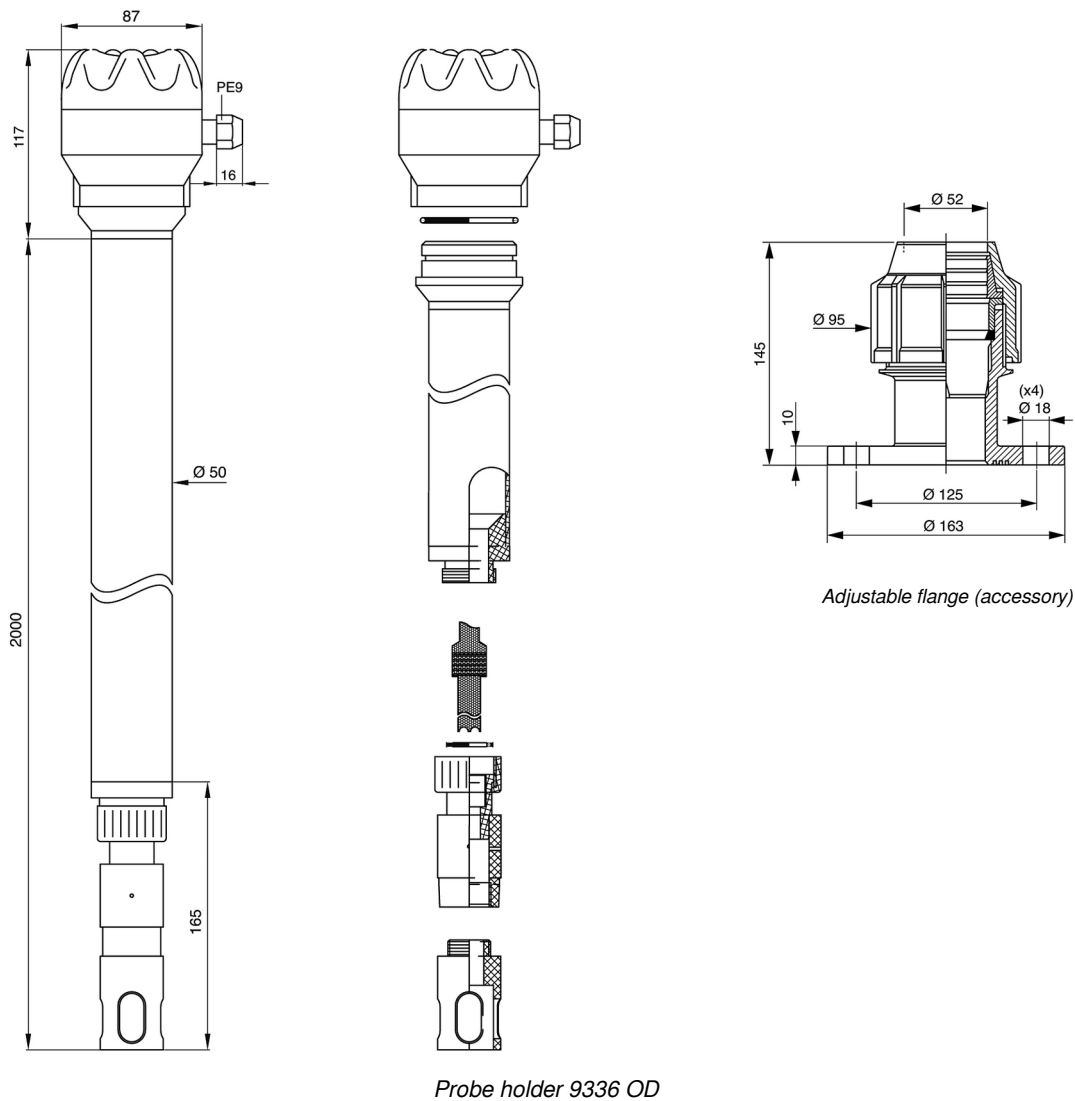
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## CODE NUMBERS AND REFERENCES

Code	Reference	Description
451 001	AQUAPLUS	Dissolved oxygen probe AQUAPLUS
451 005	9336 OD	Probe holder, PVC, Ø 50 mm, length 2 m (standard)
451 061	EX-5	Extension cable, 5 m long for AQUAPLUS probe
451 062	EX-10	Extension cable, 10 m long for AQUAPLUS probe
130 112	9358/PE/D50	PE adjustable flange for probe holder (tube: O.D. 50 mm)
<b>Spares</b>		
451 050	OD-PLUS-CAP	Sensor (AQUAPLUS probe end)
451 060	ZO-150	Zeroing solution (150 ml flask)

## DIMENSIONS



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