

brochure

pH-x



pH sensor



aquatorn

heatation

Description

pH-x measures the acidity or alcalinity of water by using an electrochemical electrode system. It provides data regarding the water conditions in your system, and helps you evaluate if operation conditions remain suitable for system materials and treatment chemistry. Continuous pH monitoring makes it easier to detect gradual changes before they develop into larger water quality issues.



Product features

- Real-time monitoring
- Solid dielectric and PTFE liquid junction
- High accuracy
- Simple operation and high reliability
- Internal signal isolation
- Maintenance-free

pH scale

pH value	Description
< 4.5	Strongly acid
4.5 - 5.5	Acid
5.5-6.5	Faintly acid
6.5-7.5	Neutral
7.5-8.5	Faintly alkaline
8.5-9.5	Alkaline
> 9.5	Strongly alkaline



Technical data

Measuring range	0 ... 14
Working pressure	10 bar
Working temperature	0 ... 80 °C
Accuracy	0,01
Resolution	0,01
Response time	8 s (98% flowing liquid)
Temperature compensation	Thermal resistance

Electrical data

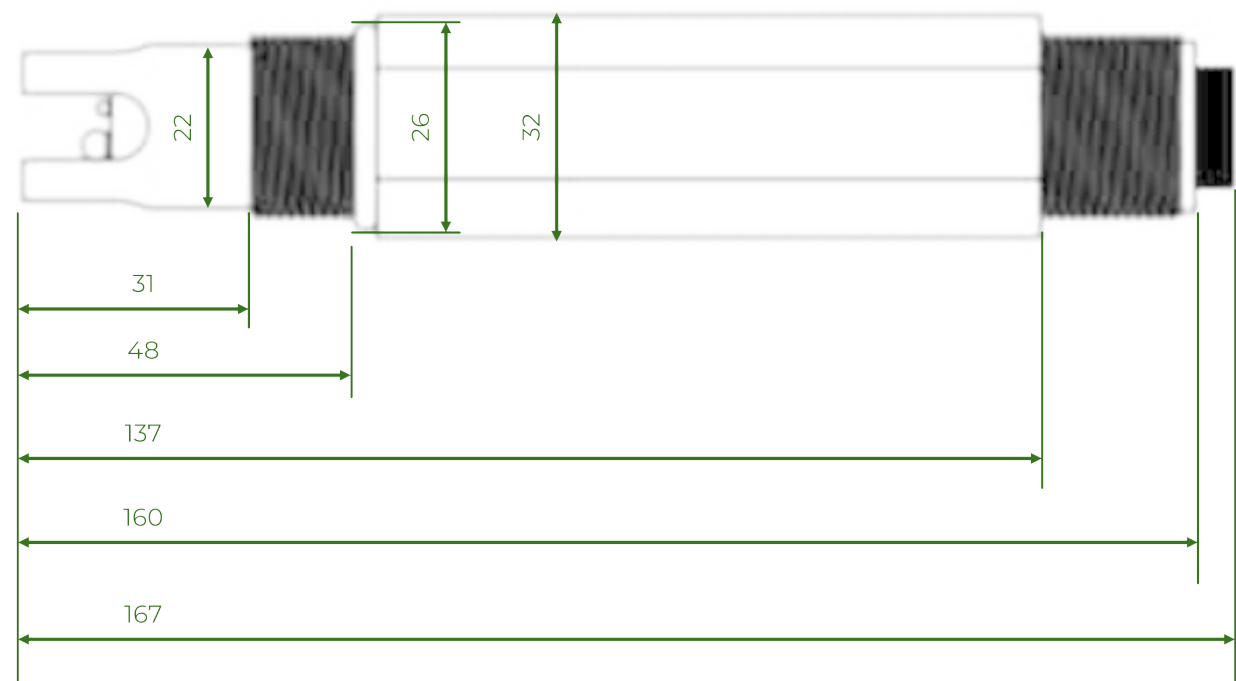
Power supply	7 ... 28 VDC (< 0,15 W)
Power consumption	< 0,2 W
Output	Rs485, 4 ... 20 mA
Protection class	IP68
Cable length	5 m or custom*
Electrical connection	M16

* Per request

Mechanical data

Material	Glass, PC, ABS
Thread	Lower/upper: NPT 3/4

Dimensions





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