

WQ420 PH sensor



Description

The WQ420 PH sensor is rugged and compact instrument suited for measuring PH in surface and underground waters.

The sensor is produced with a replaceable sensible element, for an easy maintenance and to allow a long longevity to the sensor.

The WQ420 PH sensor consists of a Hydrogen ion-sensitive glass bulb, and a reference electrode. The mA output signal is directly proportional to the measured liquid PH.

The WQ420 PH sensor is produced in a 32 mm stainless steel housing, which can be inserted in small size wells.

Every sensor is provided with a calibration certificate that attests the results of the test performed and all electromechanical features.

Manual read out with DATAVIEW.

Automatic read out with MINILOG, MYLOG.

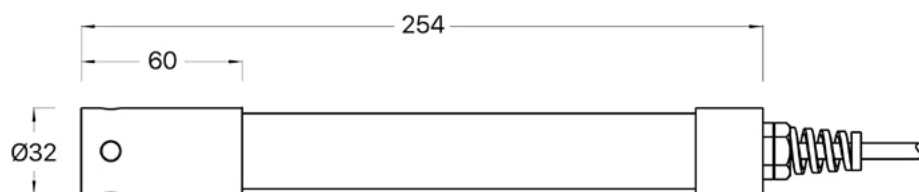
Readout units with NATUN.

Applications

PH measurement in wells, tanks, rivers etc.



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Technical features

Range	0-14 PH
Supply	10-30 Vcc
Output	4-20 mA
Linearity	2% FS
Consumption	5.5 mA + sensor output
Max pressure	3 bar
Operating temperature	-40 ÷ + 55 °C
Warm up	3 sec
Dimensions	32 x 255 mm
Weight	0.450 Kg
Material	Stainless Steel / PVC

Temperature sensor

	- CT	- PT
Output	µA/K	PT100 100Ω a 0 °C
Range	-50 , 105°C	-100÷104°C
Accuracy	0.3°	0.1°

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Accessories

PH electrode

WQ420-AX-ELPH