pH Sensors

Datasheet for all kinds of pH Sensor

- Process Flat pH Sensor H087
- Process pH Sensor PH12

Process Flat pH Sensor H087

SKU: H087

Doc No: H087-DS-EN-10

Introduction

H087 is a popular general purpose in-line (continuous measurement) electrode offering affordable, flat sensor application coverage for many water applications such as drinking water, industrial water, aquaculture, tank installations or related applications. The flat surface sensor is often referred to as "self-cleaning" when installed in a process stream since the water flow has a tendency to "shear off" biofouling and other debris from the sensor surface.

- 3/4" NPT threads on both front & back;
- Flat surface sensor with "self-cleaning" properties;
- Built-in temperature sensor Pt100.

Typical applications

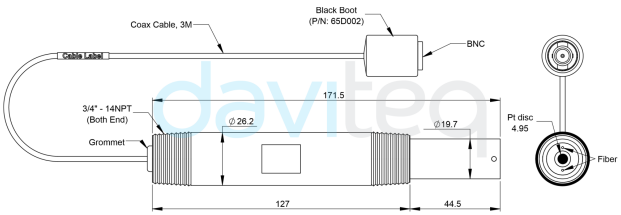
- Drinking water;
- Waste water;
- Industrial water;
- Aquaculture;
- Agriculture;
- Hydroponic;
- Soil pH measurement.

PROCESS PH FLAT SENSOR
H087



H087-H1.PNG

DIMENSION DRAWING OF H087
(Unit: mm)



H087-H2.PNG

Specification

Sensing Technology	Glass, combine electrode with Pt100 temperature sensor
Measuring range	pH 0 .. 14
Resolution	pH 0.1
Accuracy	+/- 0.1
Working temperature	0 .. 100 oC (compensated)
Working pressure	0 .. 100 psig
Process connection	3/4" NPT both ends
Wetted parts	PVC

Sensor Cable	6m with BNC connector
Rating	IP68
Sensor Dimension	D27 x 172 (mm)
Sensor net weight	< 200 grams

Ordering Code

Item code	Descriptions
H087-0020	PH SENSOR COMBO, IN-LINE, 3/4NPT PH COMBO, IN-LINE, CPVC, 3/4"NPT, ASGV FLAT, PT100 OHM, DJ, AG/AGCL, GEL, CE, 20F CABLE, BNC & T

⚠ Link for full datasheet: https://filerun.daviteq.com/wl/?id=ZfgOqaUaPovTmC9NM9sragDDe60lrzbQ

⚠ Link for manual:

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Process pH Sensor PH12

SKU: H087

Doc No: PH12-DS-EN-10

Introduction

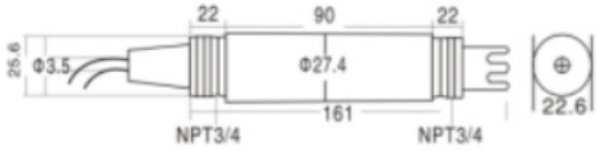
PH12 is a popular general purpose in-line (continuous measurement) electrode offering affordable sensor application coverage for many water applications such as drinking water, industrial water, aquaculture, tank installations or related applications.

- 3/4" NPT threads on both front & back;
- Built-in temperature sensor Pt100.

Typical applications

- Drinking water;
- Waste water;
- Industrial water;
- Aquaculture;
- Agriculture;
- Hydroponic;
- Soil pH measurement.





Specification

Sensing Technology	Glass, combine electrode with Pt100 temperature sensor
Measuring range	pH 0 .. 14
Resolution	pH 0.1
Accuracy	+/- 0.1
Working temperature	0 .. 60 oC (compensated)
Working pressure	0 .. 100 psig
Process connection	3/4" NPT both ends
Wetted parts	PPS/PC
Sensor Cable	5m with BNC connector
Rating	IP68

Sensor Dimension	D27 x 172 (mm)
Sensor net weight	< 200 grams

Ordering Code

Item code	Descriptions
PH12-01	PH SENSOR COMBO, IN-LINE, 3/4NPT PH COMBO, IN-LINE, PPS/PC, 3/4"NPT, PT100, DJ, AG/AGCL, GEL, CE, 5m CABLE, BNC & T

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