

Two-electrode conductivity sensor for the inline measurement of purified water and water for injection of pharmaceutical water.

Swansensor PHARMACON, NPT

For high purity water applications in the pharmaceutical industry. With NPT 3/4" thread.

Polished surface, no dead volume.

Sensor will be accompanied with following certificates: cell constant, material specification and inspection certificate (according to EN 10204).

Sensor with fixed cable and M16 male plug.

Specifications:

Recommended measuring range: 0,055 – 1'000 μ S/cm

Accuracy (at 25°C): > $\pm 2\%$ up to 500 μ S/cm
 $\pm 3\%$ above 500 μ S/cm up to 1'000 μ S/cm

Cell constant: 0.1 cm^{-1}

Material:

Shaft & Electrode: SS 316L (1.4435), stainless steel, Titan

Isolator: PEEK

Temperature sensor: Pt1000, accuracy $\pm 0.2\text{ }^{\circ}\text{C}$

Sensor mounting: NPT thread 3/4"

Operating temperature: -10 - 120 $^{\circ}\text{C}$

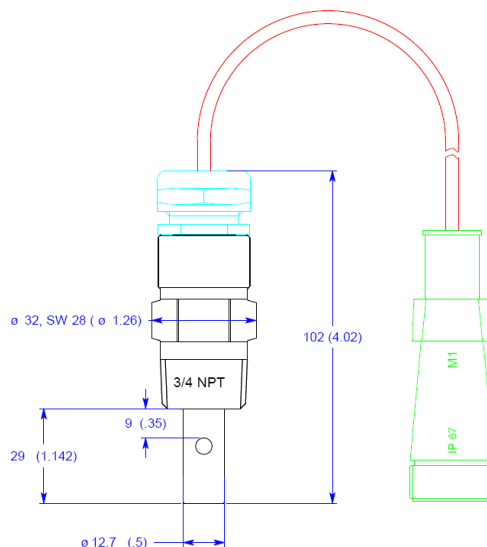
Sterilisation temperature (short-time): -10 - 155 $^{\circ}\text{C}$

Operating pressure: 17 bar at 25°C
max. 7 bar at + 95°C

Length totally: 102 mm

Insertion length: 29 mm

Sensor is equipped with fixed cable (~30cm, PTFE) and an M16 male plug. Included in delivery: 1m cable with M16 female plug and sleeves.



Order scheme

Swansensor PHARMACON, NPT

A-87.335.

2

1

0

Accessories:

- A-88.155.520 5m cable with M16 female plug and sleeves
- A-88.155.720 5m cable with M16 female plug and sleeves
- V-9710055 Recertification Swansensor Pharmacon, in-house