

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

Swansensor PHARMACON, SAN

For high purity water applications in the pharmaceutical industry. With sanitary flange.

Polished surface, no dead volume.

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

Specifications:

Recommended measuring range: 0,055 – 1'000 $\mu\text{S/cm}$

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

Cell constant: 0.1 cm^{-1}

Material:

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

Isolator: PEEK

Roughness: $R_a < 0.4\ \mu\text{m}$

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

Sensor mounting: sanitary flange 1 1/2"

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

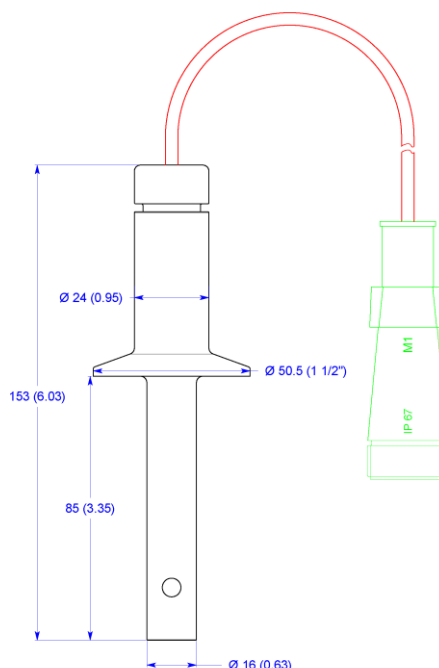
Sterilisation temperature: -10 - 155 $^\circ\text{C}$

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

Length totally: 153 mm

Insertion length: 85 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

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A-87.335.

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Accessories:

- A-88.155.520 5m cable with M16 female plug and sleeves
- A-88.155.720 15m cable with M16 female plug and sleeves
- C-87.329.010 Clamp for sanitary flange (max. 6 bar) incl. welding nipple
- C-87.329.012 Clamp for sanitary flange (max. 20 bar) incl. welding nipple
- C-87.329.011 Sealing made of PTFE for sanitary flange
- C-87.329.013 Sealing made of EPDM for sanitary flange
- V-9710055 Recertification Swansensor Pharmacon, in-house

