

Two-electrode conductivity sensor for inline measurement of ultrapure water at high pressure.

Application examples

- Monitoring of water quality in power and industrial plant water cycles.

Measurement

- Measuring range: 0.055 µS/cm to 30 mS/cm
- Accuracy at 25 °C: ±1 % of measured value
- Cell constant: 0.04 cm⁻¹
- Temperature sensor: Pt1000 (Class A, DIN EN 60751).

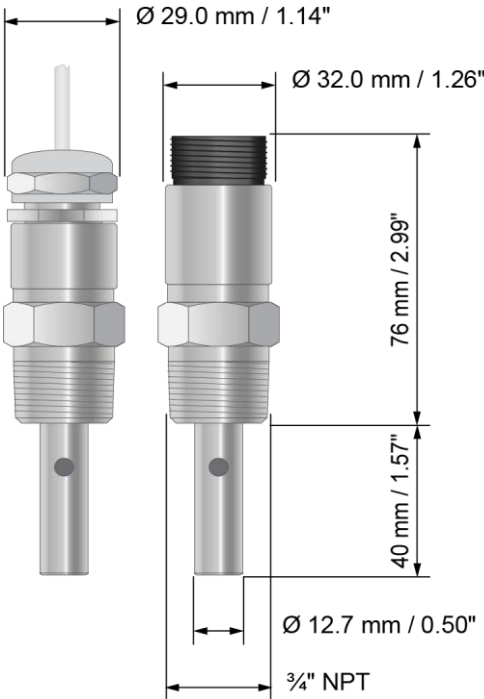
Specifications are valid in combination with SWAN Powercon transmitters.

Materials

- Body and electrode: 1.4404 (SS316L), titanium
- Isolator: PEEK

Operation and Installation

- Operating temperature: -10 to 100 °C
- Operating pressure: 50 bar
- Process connection: NPT 3/4"
- Electrical connection: fixed cable with end sleeves or M16 male plug (IP67)



Order numbers: Swansensor UP-CON1000 NPT		A-87.334.1X0
Electrical connection	M16 plug	0
	1 m cable with end sleeves	1
	5 m cable with end sleeves	5
	15 m cable with end sleeves	7
Accessories	For all accessories and details, please visit our website at www.swan.ch .	
	Cable for sensor with M16 plug available in lengths of 1 m, 5 m, 15 m or 25 m	A-88.155.X20
	Flow cell B-Flow L70	A-83.228.123
	Flow cell Q-Flow L70	A-83.431.15X
	Flow cell QV-Flow L70	A-83.435.15X

