

Nitrate-sensitive electrode system for measuring in potable water and effluents.

Swansensors Nitrate and RefTemp (NO₃-N)

Nitrate sensor:

- Sensor with ion sensitive membrane in mechanically and chemically inert plastic case (IP 68) with excellent life time.

Reference electrode RefTemp:

- Maintenance-free reference electrode in mechanically and chemically inert plastic case (IP 68) with excellent life time.
- Integrated temperature sensor.
- Ag/AgCl-reference system protected against poisoning.
- Clogging of the reference system by insoluble silver compounds is eliminated by a AgCl-free electrolyte

Specification for Swansensor Nitrate:

Operative and measuring range:

0.1 bis 1000 ppm (=mg/l)

Measurement: ion sensitive membrane

Operating temperature:: 0 to 50 °C

Pressure: < 2 bar

Case material:

isotactic polypropylene, PPO

Connection: Plug PG13.5

Weight: 40 g

Specification for Swansensor RefTemp:

Temperature sensor: NT5K (NTC)

Temp. measuring range: -10 to +50 °C

Operating temperature: 0 to 50 °C

Diaphragm: annular gap

Reference system: Ag/AgCl

Electrolyte: KCl-gel, 3.5 M (without AgCl)

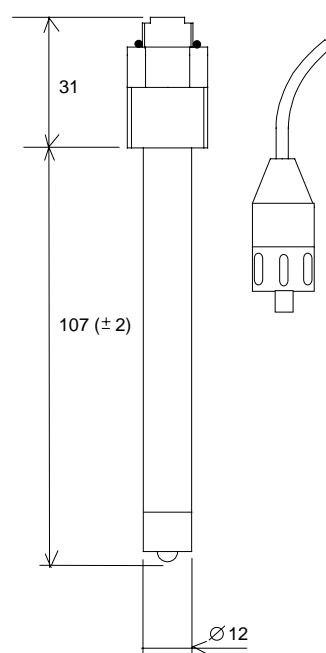
Pressure: < 2 bar

Case material: isotactic polypropylene, PPO

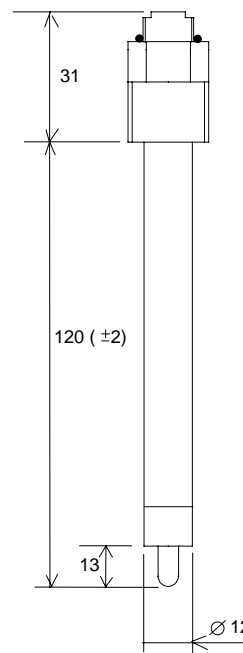
Connection: plug PG 13.5

Weight: 40 g

Swansensor Nitrate



Swansensor RefTemp



(Dimension in mm)

Order number	Swansensor Nitrate	A-87.730.010
Order number	Swansensor RefTemp	A-87.810.010
Order number	Starterkit Nitrate including: Swansensors Nitrate and RefTemp	A-87.704.010
Order number	Double pack with 2 regenerated Swansensors Nitrate	A-87.739.010