3798-S sc: digital inductive conductivity sensor.

- → **Proven sensor with digital technology**
- → **Inductive sensor for heavily soiled media**
- → **Factory-calibrated**
- → **Plug and play with SC controllers**

Especially for soiled water.
The 3798-S sc sensor is based on the non-contact, inductive measuring technique. It is therefore particularly suitable for heavily soiled media such as municipal and industrial wastewater, and also for polluted surface water and drinking water. Its particularly resistant PEEK housing makes the sensor lastingly resistant.

The 3798-S sc sensor offers many advantages.
The 3798-S sc sensor comes already calibrated from the factory and can be used immediately. Calibration is also not necessary after several months' operation. In combination with the SC controllers, the 3798-S sc sensor can be combined with a further HACH LANGE SC sensor as required. Furthermore, digital data transmission provides a high level of reliability in operation.

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Technical data.

Measuring method	Inductive
Temperature sensor	PT100
Measuring range	250 µS/cm ... 2.5 S/cm
Temperature measuring range	–5 ... +60 °C
Response time, measured value	T90 <15 s
Response time, temperature	T90 2 min.
Temperature compensation	Automatic or manual
Calibration	Manual 1 point or electrical
Max. flow velocity at the sensor	4 m/s
Sample temperature	–5 ... 50 °C
Max. sample pressure	2 bar over-pressure
Materials in contact with the sample	Stainless steel, PPS, PEEK
Data transmission	Digital to SC 100 or SC 1000 controllers
Weight	Approx. 1 kg
Dimensions	42 mm x 360 mm (D x L)
Sensor cable	10 m, with encapsulated IP 68 connector, can be extended

Ordering information.

3798–S sc sensor	LXV428.99.00001
Tank edge fastening for sensors (1")	LZX914.99.xx200
SPARE PARTS AND ACCESSORIES	
Electrically calibrated	LZX985

HACH LANGE services:

Contact us to place an order, request information or receive technical support.

Support on-site by expert sales team.

www.hach-lange.com – up-to-date and secure, with downloads, information and shop.

1" NPT

410 mm
360 mm
215 mm
180 mm
75 mm

57 mm
65 mm
6 mm

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