

PRODUCT INFORMATION

PROCESS ANALYSIS
ELECTROCHEMISTRY



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.



UNITED FOR WATER QUALITY

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:



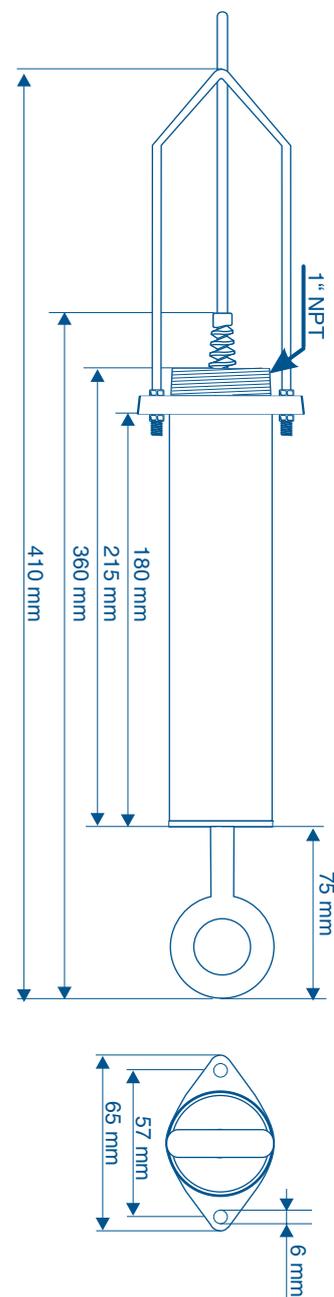
Orders, information and consultation without delay:
Tel. 0 12 56 33 34 03



Support on-site by expert sales team.



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



DR. BRUNO LANGE
GMBH & CO. KG
Willstätterstraße 11
D-40549 Düsseldorf
Tel. +49 (0)2 11 52 88-0
Fax +49 (0)2 11 52 88-143
info@hach-lange.de
www.hach-lange.com

HACH LANGE LTD
Lennox Road
Basingstoke
Hampshire, RG22 4AP
Tel. +44 (0)12 56 33 34 03
Fax +44 (0)12 56 33 07 24
info@hach-lange.co.uk
www.hach-lange.com

HyXo Oy
P.O. Box 16 (Palokorvenkatu 2)
FI-04261 KERAVA, FINLAND
Tel. +358 9 417 4500
Fax +358 9 4174 5100
www.hyxo.com • hyxo@hyxo.fi

