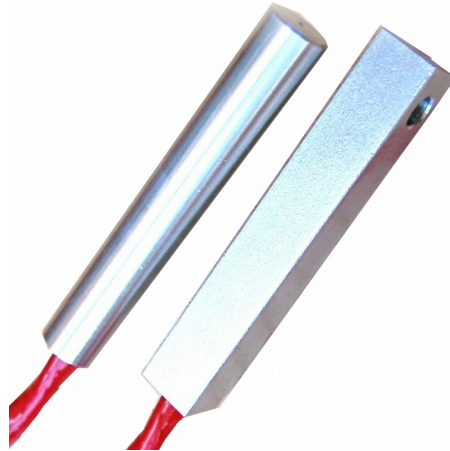


External Sensor ESD



Features

- ◆ Highly resistant against corrosion, pitting and a multitude of chemicals
- ◆ Hermetically sealed by a thermally conductive potting compound
- ◆ Prismatic stainless steel housing with a 4 mm mounting bore for fitting to measurement object
- ◆ Cylindrical stainless steel housing for feeler application
- ◆ To be used with sensor control unit **SCU 800**
- ◆ May be combined with d-LIST sensor cable **SEC 15**
- ◆ Maximum number of external sensors each for inputs **A** and **B** of a sensor control unit **SCU 800**:
Up to 50 external sensors with a total cable length of up to 100 m
From 51 to 99 external sensors with a total cable length of up to 50 m
In combination with sensor cable **SEC 15** four external sensors at each sensor cable end with a total cable length of up to 200 m

General Data

- ◆ Ingress protection: IP 64
- ◆ Housing material: Material no.1.4571 (DIN EN X6 CrNiMoTi 17-12-2)
- ◆ Cable isolation material: FEP (Fluorinated Ethylene Propylene)

Sensor Specifications

- ◆ Measurement range: -40°C ... +120 °C
- ◆ Measurement resolution: 0,1 °C
- ◆ Repeatability: ± 0,1 K
- ◆ Power supply: 5 V DC via **SCU 800**

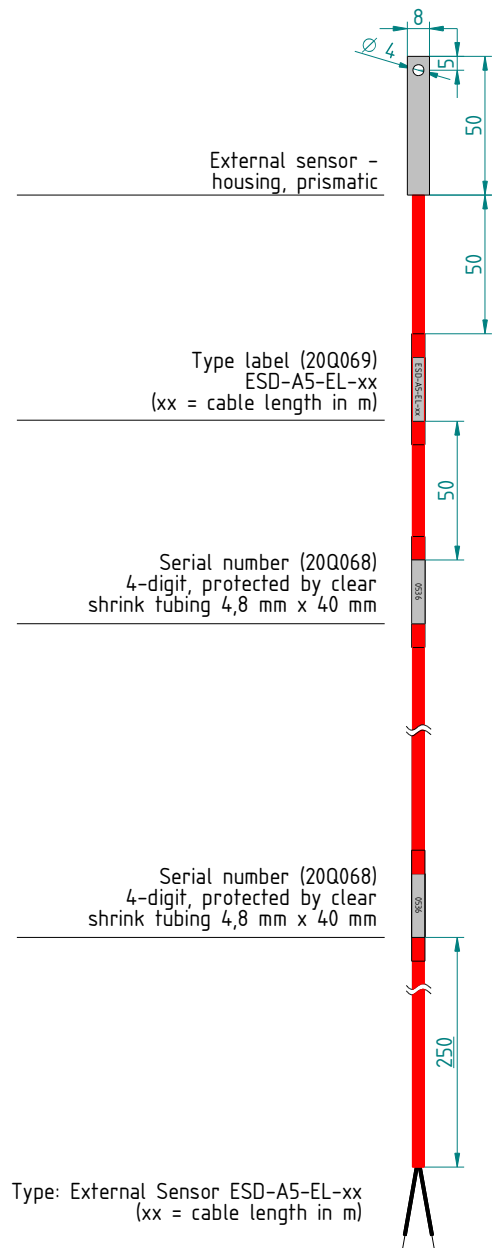
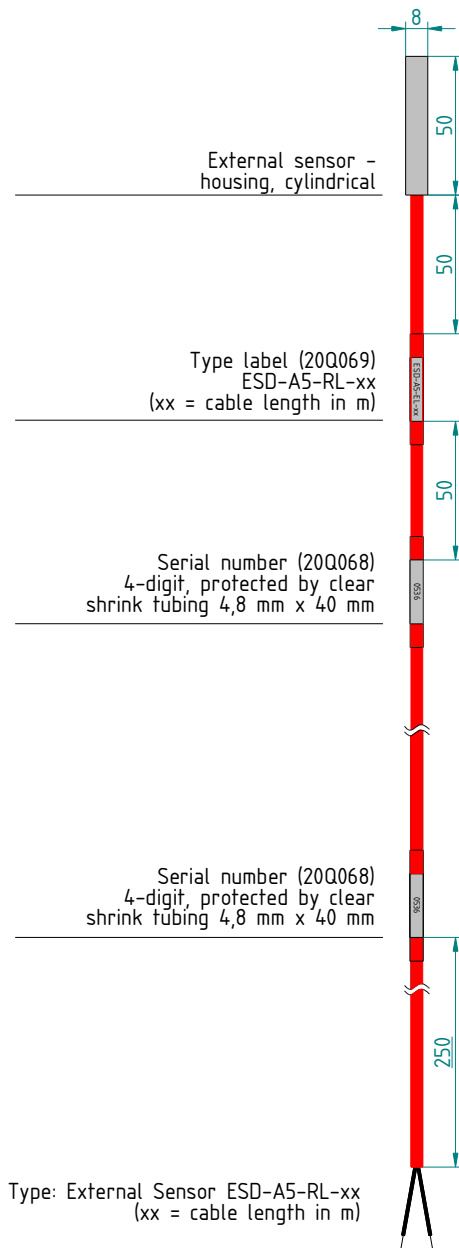
Ordering Information

- | | |
|--|-------------------------|
| ◆ External sensor ESD-A5-EL-01 (1 m connection cable, prismatic) | Art.-no.: G00343 |
| ◆ External sensor ESD-A5-EL-02 (2 m connection cable, prismatic) | Art.-no.: G00344 |
| ◆ External sensor ESD-A5-EL-03 (3 m connection cable, prismatic) | Art.-no.: G00345 |
| ◆ External sensor ESD-A5-EL-04 (4 m connection cable, prismatic) | Art.-no.: G00453 |
| ◆ External sensor ESD-A5-EL-05 (5 m connection cable, prismatic) | Art.-no.: G00346 |
| ◆ External sensor ESD-A5-EL-10 (10 m connection cable, prismatic) | Art.-no.: G00499 |
| ◆ | |
| ◆ External sensor ESD-A5-RL-01 (1 m connection cable, cylindrical) | Art.-no.: G00347 |
| ◆ External sensor ESD-A5-RL-02 (2 m connection cable, cylindrical) | Art.-no.: G00348 |
| ◆ External sensor ESD-A5-RL-03 (3 m connection cable, cylindrical) | Art.-no.: G00349 |
| ◆ External sensor ESD-A5-RL-04 (4 m connection cable, cylindrical) | Art.-no.: G00454 |
| ◆ External sensor ESD-A5-RL-05 (5 m connection cable, cylindrical) | Art.-no.: G00350 |
| ◆ External sensor ESD-A5-RL-10 (10 m connection cable, cylindrical) | Art.-no.: G00498 |

Scope of Delivery

- ◆ External sensor with integral connection cable (length according to order)
- ◆ Production file

Dimensions



SenseTek B.V., Abberdaan 162, 1046 AB, Amsterdam, The Netherlands
Tel +31 20 6131611 • Email: sensetek@sensetek.nl • Web: www.sensetek.nl