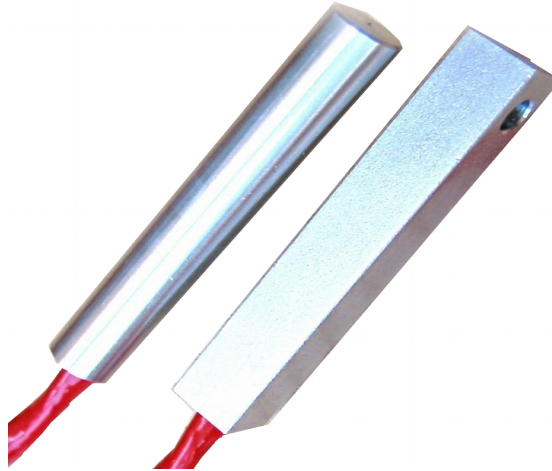


External Sensor ESA



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 LISTcontroller
- ◆ May be combined with LIST sensor cable **SEC 20**
- ◆ Up to 3.200 m sensor cable length including external sensors **ESA** connection cable with 320 sensors per LISTcontroller

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)
- ◆ Connection box: **CBO 20-ESA**

Sensor Specifications

- ◆ Measurement range: -40 °C ... +150 °C
- ◆ Measurement resolution: 0,1 °C
- ◆ Repeatability: ± 0,1 K
- ◆ Power supply: 15 V DC via LISTcontroller

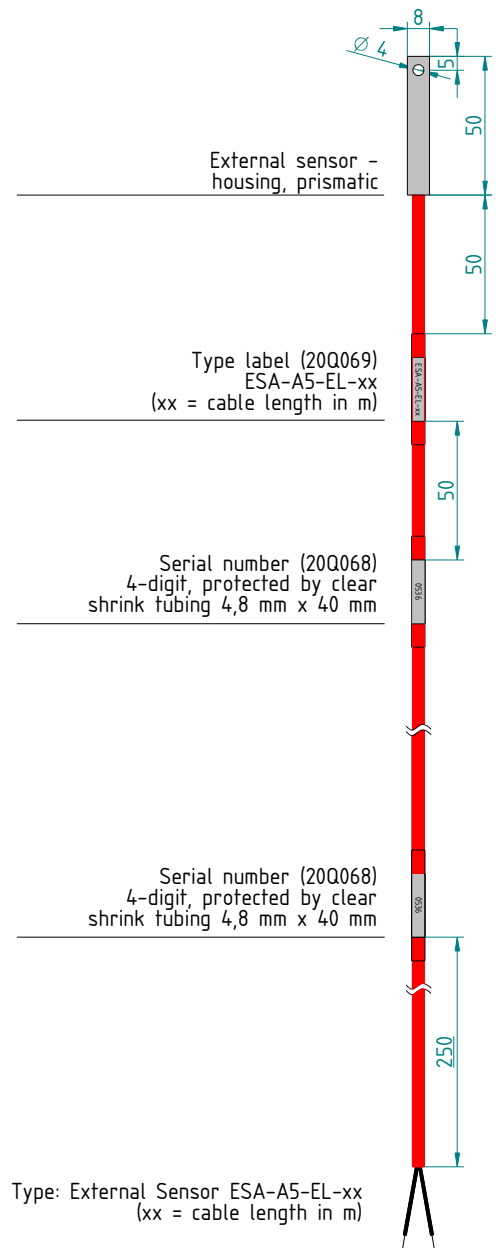
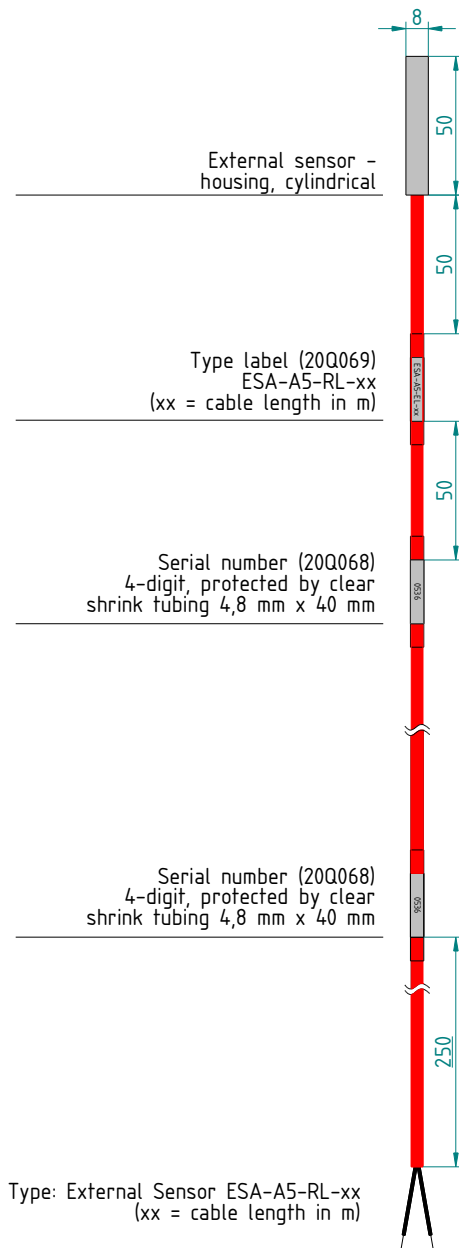
Ordering Information

- | | |
|--|-------------------------|
| ◆ External Sensor ESA-A5-EL-01 (1 m connection cable, prismatic) | Art.-no.: G00318 |
| ◆ External Sensor ESA-A5-EL-02 (2 m connection cable, prismatic) | Art.-no.: G00317 |
| ◆ External Sensor ESA-A5-EL-03 (3 m connection cable, prismatic) | Art.-no.: G00316 |
| ◆ External Sensor ESA-A5-EL-05 (5 m connection cable, prismatic) | Art.-no.: G00315 |
| ◆ External Sensor ESA-A5-EL-10 (10 m connection cable, prismatic) | Art.-no.: G00529 |
| ◆ External Sensor ESA-A5-RL-01 (1 m connection cable, cylindrical) | Art.-Nr.: G00306 |
| ◆ External Sensor ESA-A5-RL-02 (2 m connection cable, cylindrical) | Art.-Nr.: G00307 |
| ◆ External Sensor ESA-A5-RL-03 (3 m connection cable, cylindrical) | Art.-Nr.: G00308 |
| ◆ External Sensor ESA-A5-RL-05 (5 m connection cable, cylindrical) | Art.-Nr.: G00309 |
| ◆ External Sensor ESA-A5-RL-10 (10 m connection cable, cylindrical) | Art.-Nr.: G00310 |

Scope of Delivery

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

Dimensions



LISTEC GmbH
Am Sandberg 34
D - 84424 Isen
Germany

Tel.: +49 (0) 8083 5385-0
Fax.: +49 (0) 8083 5385-20
e-mail: info@listec-gmbh.de
www.listec-gmbh.de

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Subject to change without prior notice!