

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 SPECIFICATION

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

SYSTEM

- 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

