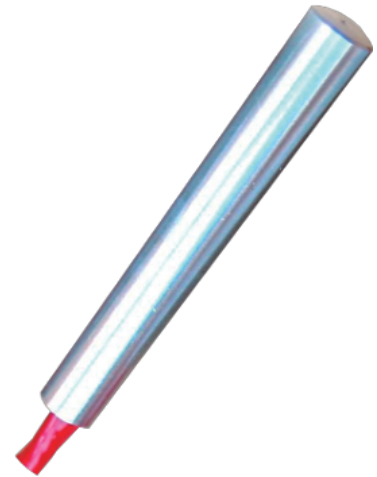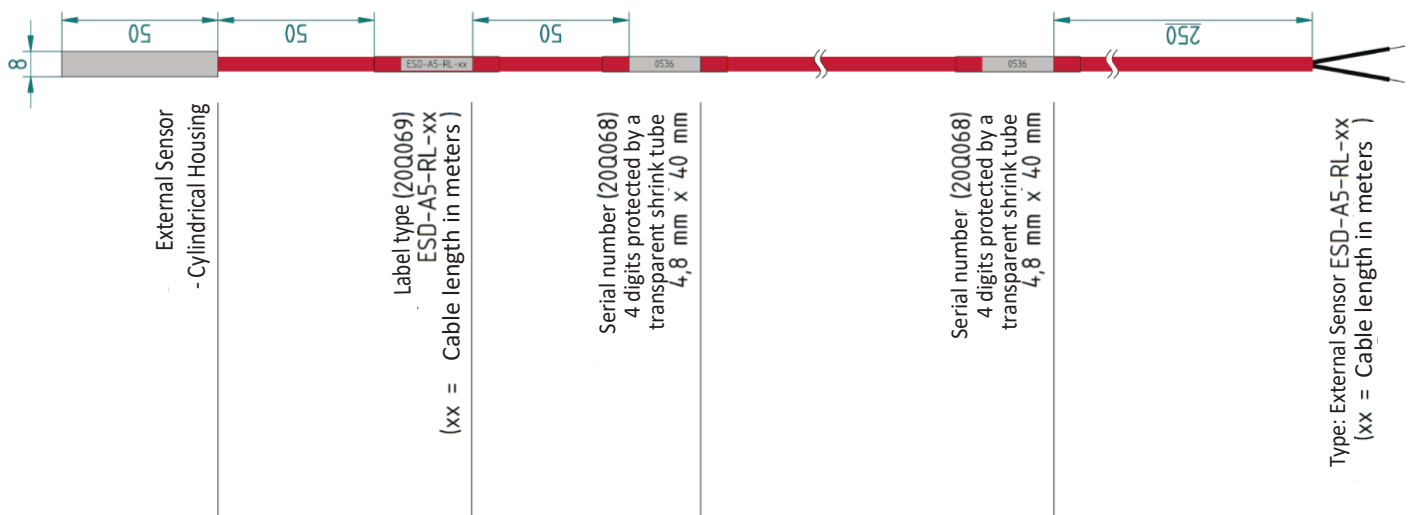# CIRCULAR EXTERNAL SENSOR
AECS/ESDRL-XX

Description

High resistance to corrosion, splash corrosion and a multitude of chemicals

Hermetically sealed by a heat conductive encapsulation compound

Cylindrical stainless steel housing for use as a probe.

To be installed with the SCU 800 control unit or the d-LISTcontroller

Can be combined with sensor cable d-LIST SEC 15

Maximum number of external sensors per A / B sensor cable connection per SCU 800 or d-LISTcontroller control unit:

Up to 50 individual external sensors with a total cable length of 100 m

51 to 99 individual external sensors with a total cable length of 50 m

In combination with the SEC 15 sensor cable, 4 individual external sensors at each end of the sensor cable for a total cable length of 200 m

Dimensions

TECHNICAL CHARACTERISTICS	
Operating temperature:	-40 ° C... +85 ° C, up to +120 ° C for a short period.
Protection index:	IP 64
Housing material:	Material-Nr. 1.4571 (DIN EN X6 CrNiMoTi 17-12-2)
Cable insulation material:	FEP (Fluorinated Ethylene Propylene)
Storage conditions:	0 ° C ... +60 ° C,
	relative humidity 30%... 70% non-condensing, protect against shocks, vibrations, dust, ESD electrostatic discharges, UV rays
Measuring range:	-40 ° C... +120 ° C
Measurement resolution:	0.0625 ° C, output via protocol interface 0.1 ° C
Repetition accuracy:	± 0.0625K, output via protocol interface ± 0.1K
Supply voltage:	5 V DC via SCU 800 evaluation and control unit or d-LISTcontroller