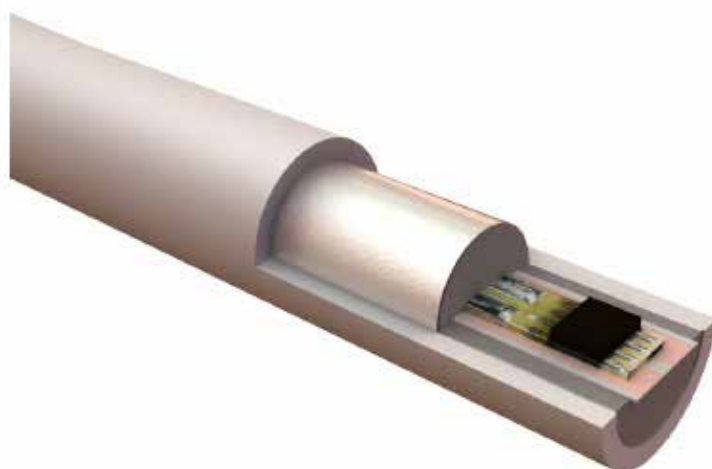


Sensor Cable SEC 15



FEATURES

- Complete encapsulation to protect sensors from environmental influences
- Sensor spacing selectable to comply to project demand
- Pinpoint sensor location via individual addresses
- Maintenance free cable
- Aramid fibres serve as strain relief and as reinforcement in case of fire
- Easy mounting by use of diverse fasteners
- Branching of cable routes via connection boxes
- To be used with sensor control unit SCU 800
- May be combined with d-LIST external sensors ESD
- Quick cable repair in case of mechanical damage
- Up to 2 x 250 m combined cable length, respectively up to 2 x 99 sensors per sensor control unit SCU 800

GENERAL DATA

- Operating temperature: -40 °C ... +85 °C, up to +120 °C short term
- Cable diameter: Typ. 15 mm
- Flat conductor resistance: Typ. 71 Ω / km (single conductor)
- Sheath material: HM4 mixture, halogen-free and flame retardant, according to EN 50267-2-1:1999-04, EN50267-2-2:1999-04, EN 60332-1-2:2005-06, EN 60332-2-2:2005-06, EN 61034-2:2006-03, IEC 60754-1, IEC 60754-2
- Weight: Typ. 0,35 kg / m
- Sheath colour: Grey or black
- Marking: Consecutive number printed at each sensor location, followed by cable identifier
- Deliverable cable length: Up to 2.400 m, prefabricated cable sections on request
- Mounting temperature: ≥ +10 °C
- Bending radius: ≥ 25 cm
- Verified and approved to: EN 54-5, class A1, VdS no.: G 205143

SENSOR SPECIFICATION

- Measurement range: -40 °C ... +120 °C
- Measurement resolution: 0,1 °C
- Repeatability: ± 0,1 K
- Supply voltage: 5 V DC via sensor control unit SCU 800

ORDERING INFORMATION

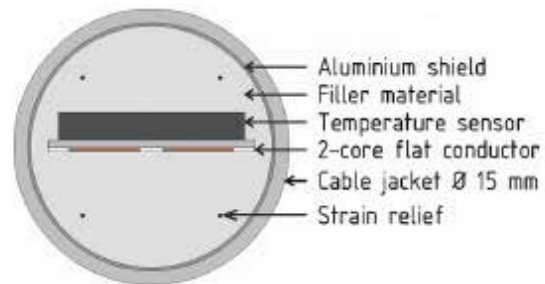
- | | |
|---|------------------|
| • Sensor Cable SEC 15/01 (1 m sensor spacing) | Art.-no.: G00360 |
| • Sensor Cable SEC 15/02 (2 m sensor spacing) | Art.-no.: G00367 |
| • Sensor Cable SEC 15/03 (3 m sensor spacing) | Art.-no.: G00372 |
| • Sensor Cable SEC 15/04 (4 m sensor spacing) | Art.-no.: G00374 |
| • Sensor Cable SEC 15/05 (5 m sensor spacing) | Art.-no.: G00376 |
| • Sensor Cable SEC 15/xx (Customer specified sensor spacing, limited to not less than 0,25 m) | Art.-no.: G00378 |

SCOPE OF DELIVERY

- Ordered sensor cable length may be shipped as a cable ring in a carton, on a one way drum, or on loaner KTG-drum and pallet.

CABLE CONSTRUCTION

- Two-core flexible flat cable with temperature sensors
- Filler material with strain relief
- Aluminium foil shield
- Sheath with imprints at each sensor location



CABLE IMPRINT

Imprint 1: The sensor marking is used in cable lists, delivery notes etc.

xxx * d-LIST-Sensorkabel * Dyyyzz * Listec GmbH * Nexans * VdS Nr. G 205143 *

Both imprints start on the same level

***** d-LIST Sensor Cable SEC 15 ***** d- LIST Sensor Cable SEC 15 *****

Imprint 2: Static marking only.

Every block with 5 x *

Legend:

- xxx: Sensor position in the cable, three-digit consecutive sensor marking, (four-digit for SEC 15/01 and SEC 15/02)
- yyy: Three-digit cable number
- zz: Sensor spacing (i.e.: 04 = 4 m)

