

Prefabrication SECcon



Features

- ▶ Easy installation and commissioning of sensor cable **SEC 15** and connection cable **CC 15** using connectors
- ▶ Installation of prefabricated sensor cable **SEC 15** without special tooling
- ▶ Connectors of prefabricated sensor cable **SEC 15** reinforced with shrink-on sleeves
- ▶ Connection cables can be fitted on-site without special tooling
- ▶ Reverse polarity protection via mechanically coded connectors
- ▶ Easy exchange of mechanically damaged components
- ▶ Standardisation for periodical infrastructures
- ▶ Cost reduction via standardised installation, commissioning, and checks
- ▶ Simplified maintenance
- ▶ **SECcon 15-1** comprises sensor cable **SEC 15** prefabrication, including male connector with protection cap and end device
- ▶ **SECcon 15-2** comprises sensor cable **SEC 15** prefabrication, including male and female connectors with protection caps
- ▶ Sensor cable lengths must be ordered separately according to customer specification

General Data Connector

- | | |
|------------------------|---|
| ▶ Case material: | Polyamide, halogen-free |
| ▶ Ingress protection: | IP 66 |
| ▶ Connection type: | Spring terminal |
| ▶ Number of terminals: | 3 |
| ▶ Strain relief: | Yes |
| ▶ Latch mechanism: | Yes |
| ▶ Temperature range: | -40 °C ... +100 °C |
| ▶ Contact material: | CuZn |
| ▶ Seal: | NBR |
| ▶ Storage Conditions: | 0 °C ... +60 °C, 30% ... 70% relative humidity, non condensing, prevention against shock, vibration, dust, electrostatic discharge ESD , UV light |

Ordering Information

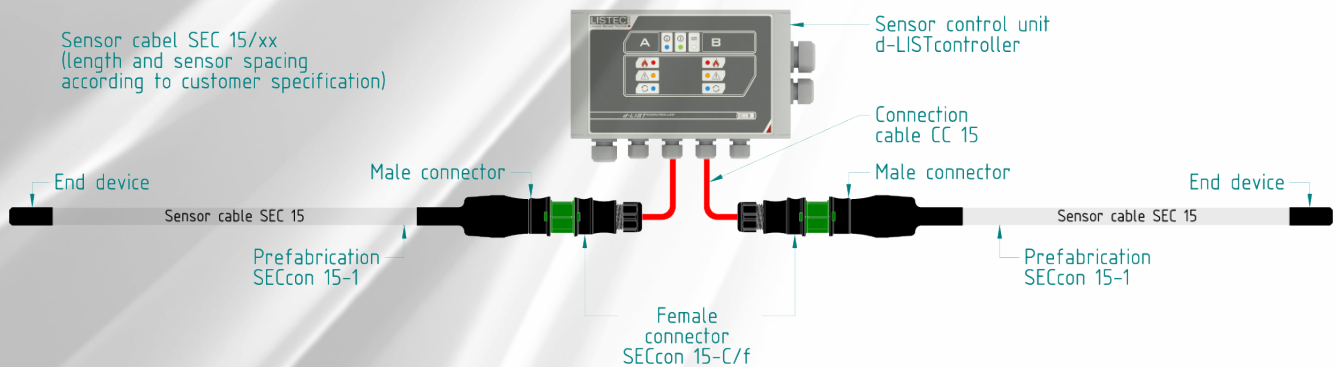
- | | | |
|--|-----------|---------------|
| ▶ Prefabrication SECcon 15-1
Sensor cable SEC 15 prefabrication with 3-pin male connector and end cap | Art.-no.: | L00351 |
| ▶ Prefabrication SECcon 15-2
Sensor cable SEC 15 prefabrication with 3-pin male and female connector | Art.-no.: | L00352 |
| ▶ Sensor Cable SEC 15/xx
Sensor spacing, sheath material, and length according to customer specification, see data sheet 60V040 for article numbers | | |
| ▶ Connector SECcon 15-C/f
Female, 3-pin, to couple connection cable CC 15 with prefabricated sensor cable SECcon 15-1 or SECcon 15-2 | Art.-no.: | Z00403 |
| ▶ Connector SECcon 15-C/m
Male, 3-pin, to couple connection cable CC 15 with prefabricated sensor cable SECcon 15-2 | Art.-no.: | Z00404 |

Tested According to

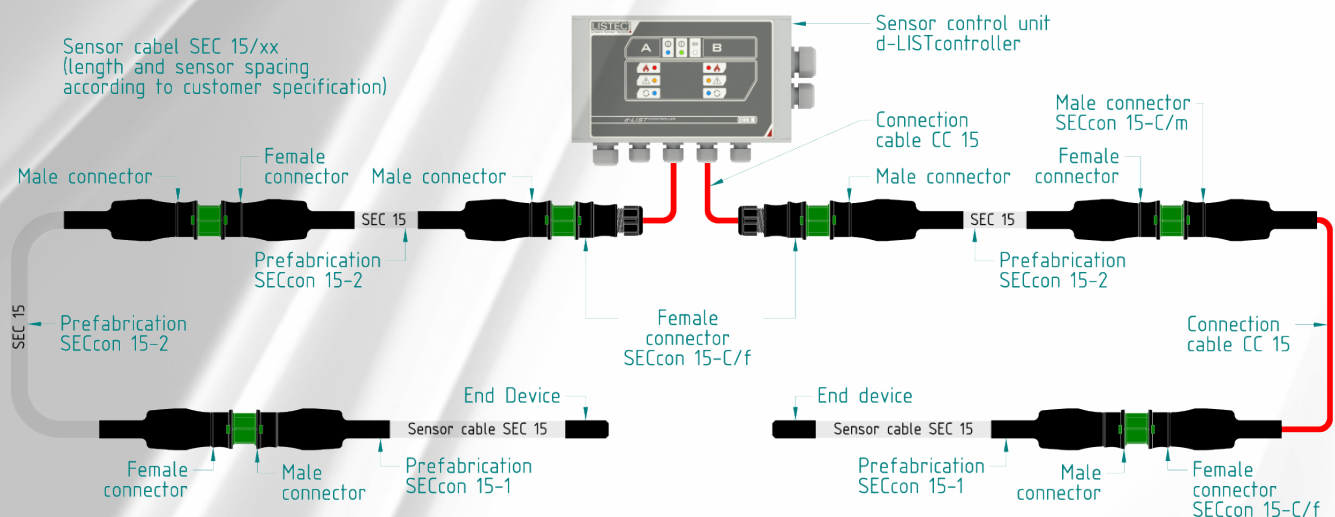
- Combustion behaviour: UL 94 V-2
- Function element: **EN 54-22**, approved by VdS Schadenverhütung GmbH, VdS no. G 221004, Environmental class III, Response classes **A1N, A2N, BN, CN, A1I, A2I, BI, CI**

Application Examples

- ▶ Standard variant with pre-assembly **SECcon 15-1**, per cable port **A / B** possible

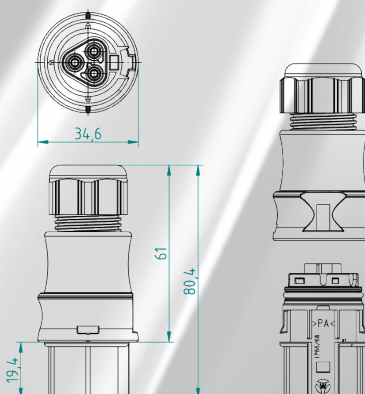


- ▶ Variant with pre-assembly **SECcon 15-2** and extension with **SECcon 15-1**, per cable connection **A / B** possible
- ▶ The extensions can consist of several sections, maximum cable length per cable port 350 m, including connection cable **CC 15**

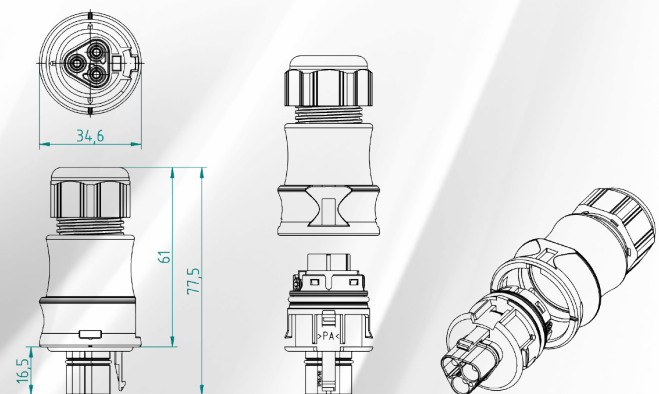


Dimensions connector SECcon 15 for connection cable SEC 15

SECcon 15-C/f

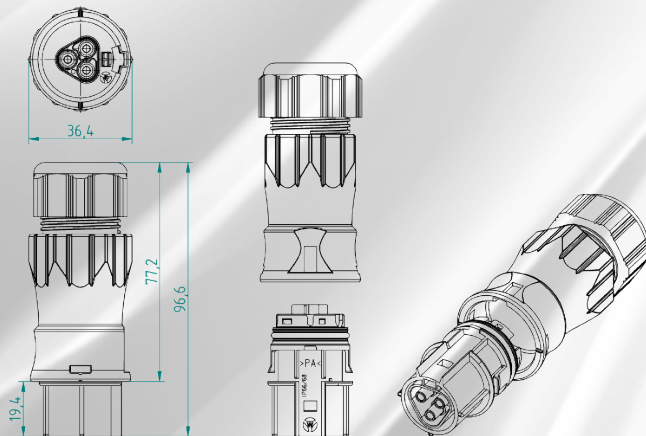


SECcon 15-C/m

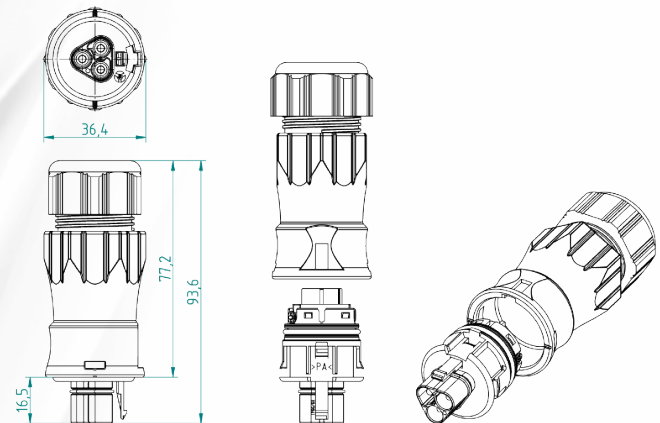


Dimensions connector SECcon 15 for sensor cable SEC 15

SECcon 15-S/f



SECcon 15-S/m



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