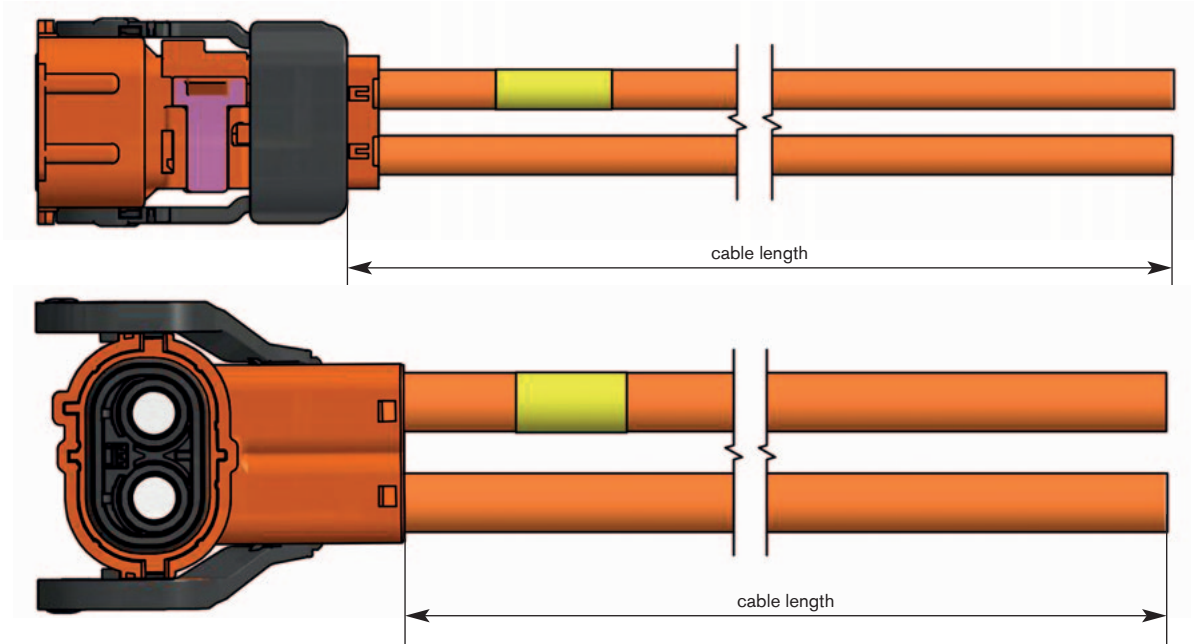


High-Voltage Cables

HV 1000 C - SC

robust, flexible high-voltage single conductor with overall copper screen and thermo connector



Application range:

e.g. in the fields of agricultural, construction and special vehicles

Connection end:

| | |
|-------------------|------------------|
| Outer sheath: | TPE-U |
| Connection end 1: | thermo connector |
| Connection end 2: | cut smoothly |
| Screen: | cut smoothly |

Cable data:

| | |
|-----------------------|---|
| Connection cable: | bare copper strands, extra fine wires, screened |
| Core insulation: | TPFP |
| Screen: | alu foil and tinned copper braiding |
| Sheath material: | TPE-U |
| Sheath colour: | orange |
| Outer diameter: | see table on page G/28 |
| Nominal voltage: | U _o /U max. 0,6/1 kV AC/DC |
| Temperature range | |
| fixed laying: | -50/+90 °C |
| flexible application: | -40/+90 °C |
| limited time of use: | +125 °C (2000 h) |

G
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CONFIGURATION EXAMPLES

| item no. | connector | connection cable length | stripping | cross section |
|------------------|------------------|-------------------------|--------------|-----------------------|
| S3910-2001-00200 | HVP 800, A-coded | 2000 mm | cut smoothly | 50,00 mm ² |
| S3910-2002-00200 | PCON12, B-coded | 2000 mm | cut smoothly | 16,00 mm ² |

Total cable and channel lengths can be realised on customer's request.

SAB identification:

item number, batch number

Construction, materials and tests of the cable with reference to:

- DIN EN 60228
- DIN EN 50525
- DIN EN 50290-2-30
- DIN EN 50620
- DIN EN 60811

In individual cases, the specific application must be agreed with SAB Bröckskes.