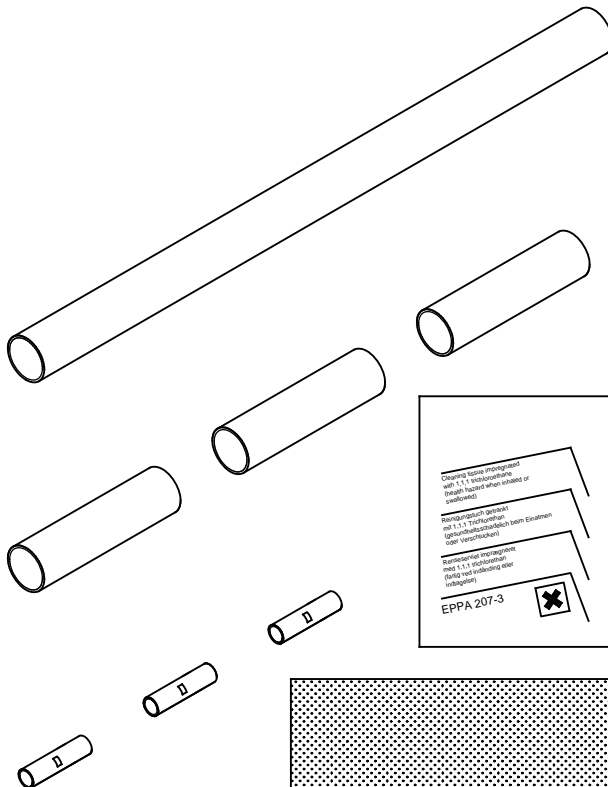


KM for SQ and SQE

Installation and operating instructions



KM for SQ and SQE

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English (GB) Installation and operating instructions

Original installation and operating instructions.

1. Applications

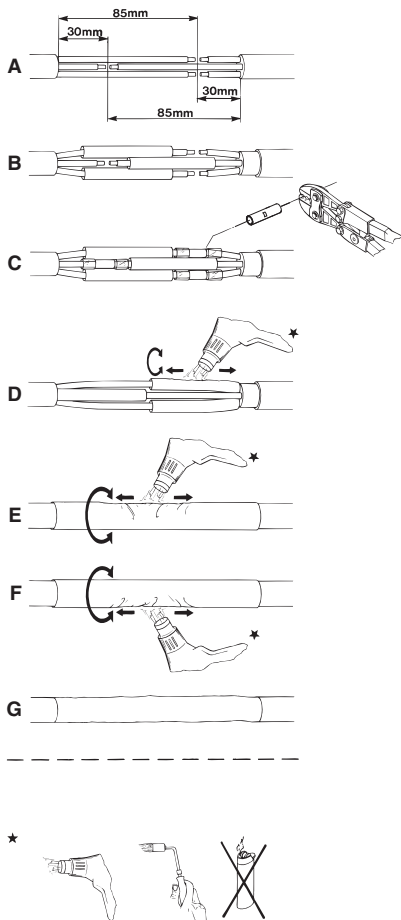
Grundfos cable termination kits, type KM, are specially designed to join the motor cable and the submersible drop cable (multicore cables) during installation of submersible pumps.

The Grundfos cable termination kit can be used for cables made of polyethylene, PVC, synthetic or natural rubber, etc. for voltages up to 1000 V and the cross-sectional areas:

- 1.5 to 2.5 mm² (product number 96021462),
- 4.0 to 6.0 mm² (product number 96021473).

2. Cable jointing

1. Strip and cut off both cables as shown in fig. A.
2. Degrease the leads and the sheath on either side of the joint by means of the cleaning tissue.
3. Sandpaper the sheath of both cable ends for a length of about 150 mm.
Note: Avoid longitudinal scratches in the cable.
4. Slide the inner sleeves over the leads and the outer sleeve over one of the cables, fig. B.
5. Join the leads by means of the connectors using a crimping tool, fig. C.
6. Centre the inner sleeves over the connectors and shrink them, fig. D.
7. The shrinking procedure has been completed when the sealing compound comes out from both ends.
8. Slide the outer sleeve over the joint and shrink it, figs. E and F.
9. Let the joint cool to ambient temperature before it is subjected to mechanical stress, fig. G.



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Revised 29.09.2010

