

- Temperature resistant up to +180°C
- Current rating of 20A
- For single core cables ISK, CSK et al.
- Very solid because made of brass nickel plated
- Compact design
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## Description

The IAK8EK system is a very easy and fast to install connection kit for connecting cold lead and heating cable or for reparation of heating cables based on a screw connection.

Because of the very compact design the set can be placed between surface and insulation. There is no blow-heater or special skills required for assembling.



## Technical Data

Temperature range:	-60...180°C
Cable capacity of seal:	3,6 - 6,5mm
Max. current rating:	20A AC
Supply Voltage:	12...400V AC
Terminal diameter:	2,5mm <sup>2</sup>
Protection class:	IP66
Length incl. glands:	110mm
Diameter:	25mm
Weight incl. glands:	168g
Material:	Brass nickel plated

## Approval

EPS 12 ATEX 1457X

## Marking

 II 2G Ex e IIC T6/T5/T4/T3 Gb

 II 2D Ex tb IIIC T195°C Db IP66

## Further information

Please consult the installation manual

## Ordering information

Part number:  
 IAK8EK: Connection set for single core heating cables

## Alternative products

Part number:  
 IAK1EG1: Connection set for single core heating cables up to 32A  
 IAK1EG2: Connection set for single core heating cables up to 98A

## Further products

Part number:  
 IAKKE1Ex: Cold lead, 1,2m  
 ISK: Single core heating cable, Ex  
 CSK: Single core heating cable, non-Ex  
 AG 101Ex: Ex junction box 122x120x90mm (Different types see data sheet)