



BARTEC

media protected

If the heating tape is directly connected, to the

enclosure terminals, the heating tape is first prepared and then insulation tubes are shrunk over the

conductors as well as the twisted protective braiding.

Afterwards ferrules are placed. The heating tape is

connected directly to terminals in a junction box,

As an alternative, the heating tape can be connected

directly to a connection cable by means of a butt connector. The heating circuit end is closed in each

case with a heat shrinkable end cap.

Technical data

Ambient temperature range

10, 13, 15, 26, 33 W/m

Max. operating temperature end cap

-20 °C up to +85 °C

+85 °C

see PSB data

Electrical data

Description

IP 65 protection class.

Heat shrink technology

Features

- Direct insertion of a heating tape into an Ex e junction box
- Space-saving solution
- Easy Installation



explosion protected

Description

Heat shrink technology is a reliable technology to connect heating tapes to the power supply.

The principle is easy. After the preparation of the heating tape, insulation tubes are shrunk over the conductors and the twisted protective braiding and ferules are placed. Basically, the heating tape is connected to terminals in an enclosure that has the protection type "increased safety". The heating circuit end is also closed with shrinkable tubes.



Ex protection type

(☑) II 2G Ex e IIC T5, T6 Gb
(☑) II 2D Ex tb IIIC T95 °C, T80 °C Db

Certification System

KEMA 08 ATEX 0111 X IECEx KEM 09.0084X TC RU C-DE.F506.B.00230

🔼 Technical data

Ambient temperature range -40 °C up to +55 °C

Max. operating temperature end cap $+85\ ^\circ\text{C}$

Electrical data

see PSB data

10, 13, 15, 26, 33 W/m



Grounding strap with lock nut, required if metal glands are used in polyester junction boxes 05-0012-0082



Connection and termination (flexible with crimp connector) **07-5801-0000/9810**

Connection heating tape - heating tape (with crimp connector) 07-5801-0000/9560

Technical data subject to change without notice.