



- Direct insertion of heating tape for our Ex e junction box
- Space-saving solution
- Easy installation

The heat shrink method is a tried and tested technology for connecting heating tapes to the supply voltage or to other heating tapes. In the explosion protected area it is possible using the heat shrink method to insert the heating tapes into our junction box. In the media protection area, it is also possible to connect the heating tape to the supply voltage or to connect two heating tapes directly to each other. This is done using the butt connectors contained in the set. The end termination is also realised in all sets using heat shrink sleeves.

Explosion protection

Marking heating system	
PSBL	Ⓜ II 2G Ex e IIC T5 Gb ²⁾ Ⓜ II 2D Ex tb IIIC T95 °C Db ²⁾
PSB	Ⓜ II 2G Ex e IIC T5, T6 Gb ²⁾ Ⓜ II 2D Ex tb IIIC T95 °C, T80 °C Db ²⁾
MSB	Ⓜ II 2G Ex e IIC 150 °C (T3), T4 Gb ²⁾ Ⓜ II 2D Ex tb IIIC T150 °C, T130 °C Db ²⁾
HSB	Ⓜ II 2G Ex e IIC 180 °C (T3), T4 Gb ²⁾ Ⓜ II 2D Ex tb IIIC T180 °C, T130 °C Db ²⁾

Please refer to the system chapter for the respective system approval.

Other approvals and certificates, see www.bartec.de

Technical data explosion protected

Cable gland material	Nickel-plated brass
Protection class in accordance with EN 60079-0	IP 65

Ordering information

Heat shrink method (connection and end termination), explosion protected

Heating tape, type	Ambient temperature range	Max. operating temperature end cap	Order no.
PSBL	-30 °C to +55 °C	+85 °C	05-0091-0198
PSB	-40 °C to +55 °C	+85 °C	05-0091-0097
HSB	-40 °C to +55 °C	+185 °C	05-0091-0096

Ordering information Heat shrink method, media protected (protection class in accordance with EN 60529, IP 65)

Heating tape, type	Set type	Cable gland material	Ambient temperature range	Max. operating temperature end cap	Order no.
PSBL	Connection and end termination (direct insertion into terminal box)	PA	-30 °C to +55 °C	+85 °C	07-5807-00009910
PSBL*	Connection and end termination (direct connection)	-	-30 °C to +55 °C	+85 °C	07-5807-00009920
PSBL	Connection of heating tape - heating tape (direct connection)	-	-30 °C to +55 °C	+85 °C	07-5807-00009930
PSB	Connection and end termination (direct insertion into terminal box)	PA	-20 °C to +85 °C	+85 °C	07-5801-00009840
PSB*	Connection of heating tape - heating tape (direct connection)	-	-20 °C to +85 °C	+85 °C	07-5801-00009810
PSB	Connection of heating tape - heating tape (direct connection)	-	-20 °C to +85 °C	+85 °C	07-5801-00009560
HSB	Connection and end termination (direct insertion into terminal box)	Nickel-plated brass	-60 °C to +180 °C	+185 °C	07-5803-00009860
HSB*	Direct connection of power supply - heating tape with end termination	-	-60 °C to +180 °C	+185 °C	07-5803-00009820
HSB	Direct connection of heating tape - heating tape	-	-60 °C to +180 °C	+185 °C	07-5803-00009890

* We recommend our heat-resistant supply line (see accessories) when connecting the supply line - heating tape.

Ordering information Heat shrink method, accessories

Heat-resistant supply line (GY H05GG-F, 3G, 3 x 1.5 mm ²), temperature range -25 °C to +110 °C	02-4034-0009
Heat-resistant supply line (GY H05GG-F, 3G, 3 x 2.5 mm ²) temperature range -25 °C to +110 °C	02-4034-0012

Technical data subject to change without notice.