



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

The cold applied technology is the ideal solution when connecting the PSBL, PSB, MSB and HSB heating tapes to the junction box. The end termination is achieved using a space-saving silicone end cap. The use of silicone parts and silicone adhesive enables the heating tape to be installed easily and quickly. In addition, no fire certificate is needed for installation in a potentially explosive atmosphere.

Explosion protection

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

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

Other approvals and certificates, see www.bartec.de

Technical data explosion protected

Ambient temperature range	-55 °C to +55 °C
Max. operating temperature end cap	+200 °C
Cable gland material	Nickel-plated brass
Protection class in accordance with EN 60079-0	IP 65

Ordering information

Cold applied technology (connection and end termination), explosion protected

Heating tape, type	Set	Order no.
PSBL	set	05-0091-0131
PSBL	10 fold set	05-0091-0137
PSB	set	05-0091-0130
PSB	10 fold set	05-0091-0136
MSB	set	05-0091-0129
MSB	10 fold set	05-0091-0135
HSB	set	05-0091-0129
HSB	10 fold set	05-0091-0135

End termination, explosion protected

PSBL	10 fold set	05-0091-013702
PSBL	50 fold set	05-0091-013704
PSB	10 fold set	05-0091-013602
PSB	50 fold set	05-0091-013604
MSB/HSB	10 fold set	05-0091-013502
MSB/HSB	50 fold set	05-0091-013504

Technical data explosion protected

Ambient temperature range	-40 °C to +85 °C
Max. operating temperature end cap	+200 °C
Cable gland material	PA
Protection class in accordance with EN 60529	IP 65

Ordering information

Cold applied technology (connection and termination), media protected

Heating tape, type	Set	Order no.
PSBL	10 fold set	05-0091-0139
PSB	10 fold set	05-0091-0140

Technical data subject to change without notice.