

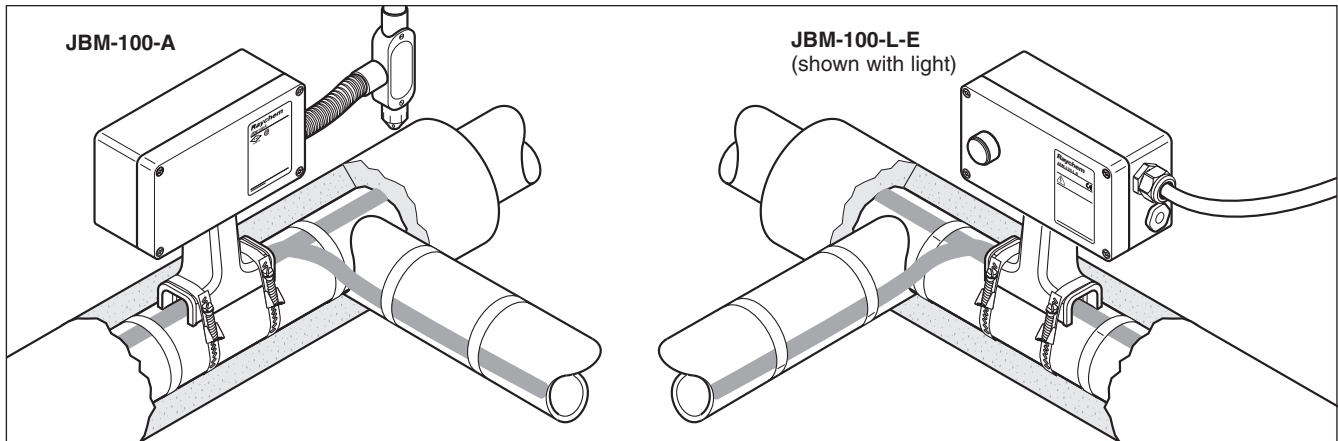
Ex Multiple-entry power/tee connection with junction box

The JBM-100 kit is designed to connect power to up to three Raychem BTV, QTVR, XTV, KTV, or VPL industrial parallel heating cables and is approved by FM, CSA, and PTB for use in hazardous locations.

The JBM-100 integrates the functions of both connection kits and insulation entries. The rugged stand protects the heating cable and allows for up to 100 mm (4") of thermal insulation.

The core sealing boot does not require a heat gun or torch for the installation (no hot work permit necessary). The non-curing sealant (silicone free) in the boot allows easy installation and facilitates maintenance. Innovative CAGE CLAMP® terminals from WAGO provide fast installation and safe, reliable, maintenance-free operation. Compared to existing systems, this connection kit significantly reduces installation time.




The kit is offered in three basic versions, customised for local installation practices. All kits are also available as a lighted version. These include a unique light module with a superbright LED that simply plugs into the terminals, and a lens in the lid. This provides indication that power is available in the box.




	JBM-100-A JBM-100-L-A	JBM-100-E JBM-100-L-E	JBM-100-EP JBM-100-L-EP
Description	This kit is for use in North America and has two 3/4" through holes for use with 3/4" conduit. One stopping plug is supplied in the kit.	This kit is for use in Europe and provides two M25 threaded entries, one stopping plug, and one plastic power cable gland.	This kit is for use in Europe and provides two M25 threaded entries, an earthing plate, and an external earthing stud. It is designed for use with armoured cables.
Kit contents	<ul style="list-style-type: none"> 1 junction box with terminals 1 light module (for -L only) 1 stand 3 core sealers 3 green/yellow earthing sleeve 1 3/4" stopping plug 1 polywater sachet 1 spanner 1 strain relief assembly 2 grommet plugs 	<ul style="list-style-type: none"> 1 junction box with terminals 1 light module (for -L only) 1 stand 3 core sealers 3 green/yellow earthing sleeve 1 M25 gland for power cable 8–17 mm in diameter 1 M25 stopping plug 1 polywater sachet 1 spanner 1 strain relief assembly 2 grommet plugs 	<ul style="list-style-type: none"> 1 junction box with terminals, earth continuity plate, and stud 1 light module (for -L only) 1 stand 3 core sealers 3 green/yellow earthing sleeve 2 M25 stopping plugs 1 polywater sachet 1 spanner 1 strain relief assembly 2 grommet plugs

Approvals

Hazardous locations



 Class I, Div. 2, Groups A, B, C, D
 Class II, Div. 1 & 2, Groups E, F, G
 Class III
 (1) CLI, ZN1, AEx e II T*
 CLI, ZN1, AEx em II T* (for -L only)
 Ex e II T*
 Ex em II T* (for -L only)



PTB 98 ATEX 1021 U
 II 2 G/D EEx e II IP 66
 II 2 G/D EEx em II IP 66

 Ex e II T*
 Ex em II T* (for -L only)

DNV approval
 DNV Certificates No. E-6967 and No. E-6968

* For T-rating, see heating cable or design documentation
 (1) Except VPL

PTB 98 ATEX 1021 U
 II 2 G/D EEx e II IP 66
 II 2 G/D EEx em II IP 66

 Ex e II T*
 Ex em II T* (for -L only)

DNV approval
 DNV Certificates No. E-6967 and No. E-6968

