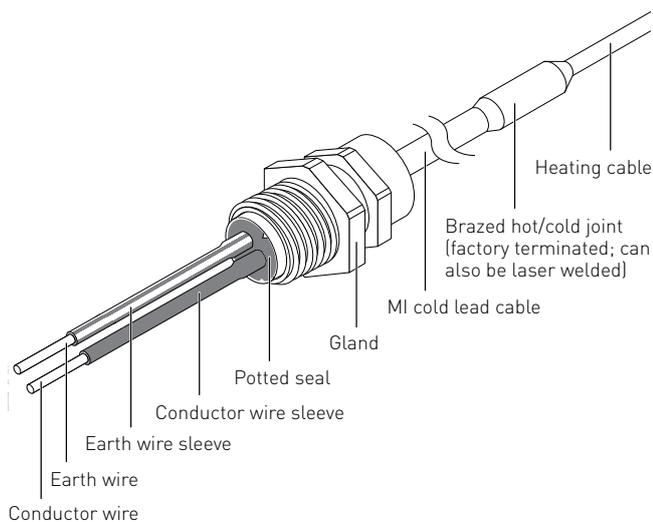


Raychem WIRING ACCESSORIES

ACCESSORIES FOR THE TERMINATION OF MI HEATING UNITS

TYPICAL TERMINATION OF MI HEATING CABLE



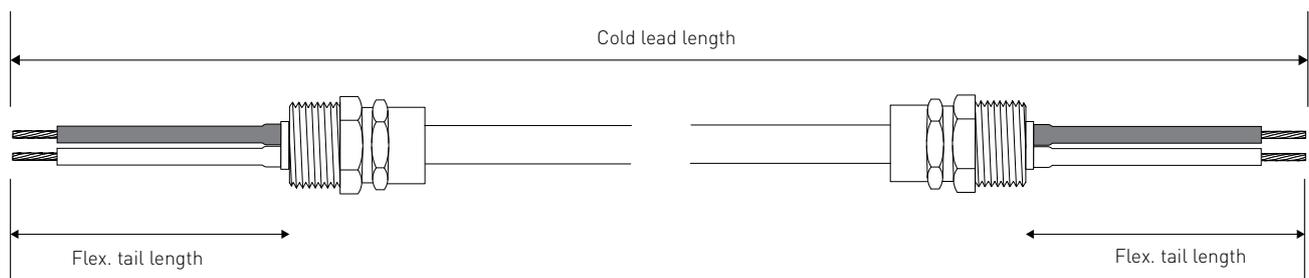
For the termination of bulk MI heating cables, a range of accessories is available. The termination of MI heating units requires adequate training and sufficient experience. In particular for hazardous area applications, factory termination of the MI heating units is strongly recommended.

For possible combinations and detailed order information of glands, seals, joints and other accessories also refer to datasheet for **MI Termination Accessories** (reference DOC-606), available on our website at www.pentairthermal.com or contact Pentair.

PRE-TERMINATED MI DOUBLE COLD ENDS

PCE/"cold lead type"/"cold lead length"/"flex. Tail length"/"gland type"

Example: PCE/SC1H2.5/4M/300MM/M20



To facilitate occasional on-site termination and eventual repairs, Pentair offers Pre-terminated MI double Cold Ends (PCE). The standard PCEs consist of 4m of cold lead cable of the appropriate type which ends are pre-terminated with a factory seal, gland assembly and insulated flexible tails. The use of Pre-terminated Cold Ends (PCE) significantly increases the reliability of field-termination and repairs of cold leads since they are fully factory tested and assembled in a controlled manufacturing environment.

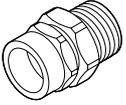
A PCE with a single conductor cable includes two terminations, sufficient for the termination of an MI heating unit type B. A PCE with dual conductor cable includes two terminations, sufficient for the termination of two MI heating unit type D or for one MI heating unit type E.

Any ingress of moisture is minimized, if the PCE is cut (typically in the middle) just before the connection to a heating cable. Unused ends can be sealed for storage using wax or other appropriate sealing methods. More details on the available types can be found in MI Termination Accessories (reference DOC-606).

WIRING ACCESSORIES

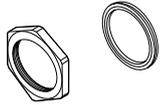
GLANDS, SEALS, JOINTS, FERRULES

RGM



Metric brass glands are standard – more details on accessories for mineral insulated heating cables, refer to datasheet for MI Termination Accessories (reference DOC-606).

RLM20



M20 brass lock nuts for securing glands

RLM25

M25 brass lock nuts for securing glands

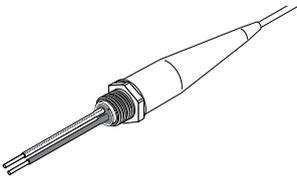
SATP20

Fibre washers for glands, M20

SATP25

Fibre washers for glands, M25

RHG20

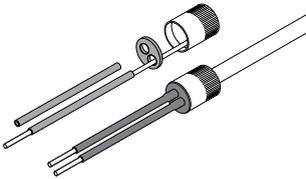


M20 gland shrouds for enhanced gland protection

RHG25

M25 gland shrouds for enhanced gland protection

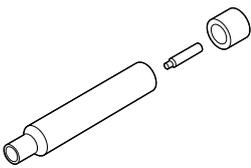
RPAL/RPSL



Hazardous and ordinary area seals are supplied with 300 mm tails including earth tail.

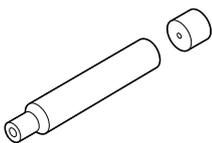
More details on mineral insulated accessories, refer to datasheet for MI Termination Accessories (reference DOC-606).

SJK



Joint types SJK are made of brass, types SJKAS are made of stainless steel. For more details such as compatibility with various heating cables and order references, refer to datasheet for MI Termination Accessories (reference DOC-606).

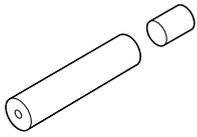
SJK-PILOT-...



Universal hot/cold or hot/hot joint for brazed connection of MI heating cables and/or cold leads. Universal joints have two pilot holes (one for the joint body and one for the joint bush) that must be drilled to match the exact diameter of the heating cable and/or cold lead during the termination operation or field repair. Joint types SJK are made of brass, types SJKAS are made of stainless steel. For more details such as compatibility with various heating cables and order references, refer to datasheet for MI Termination Accessories (reference DOC-606).

The preferred solution to join two heating cables includes a short section of cold lead joined between the two MI heating cables with two hot/cold joints. Contact Pentair for more information.

SPOT...-PILOT



End cap for the termination of dual conductor MI heating cables. The end caps have a pilot hole that must be drilled to match the exact diameter of the heating cable during the termination operation. End cap types SPOT are made of brass, types SPOTAS are made of stainless steel. For more details such as compatibility with various heating cables and order references, refer to data-sheet for MI Termination Accessories (reference DOC-606).

SJKF



Ferrules (copper) for reliable connection of MI conductors in hot/cold joints. More details, refer to datasheet for MI Termination Accessories (reference DOC-606).

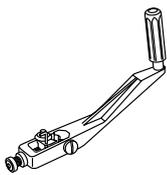
FABRICATION CONSUMABLES

SABAG13	Silver solder for brazed joints, use for conductor
SABAG14	Silver solder for brazed joints, use for joint body
SABF	Brazing flux (250g)
SMP-300	Magnesium oxide powder (250g)
RMX	Grey potting compound

SMH Wax for temporary sealing of bulk MI heating cable ends or cold leads. Minimum order quantity: 500 g, higher quantities per multiples of 100g.

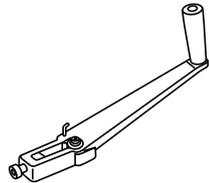
TOOLS

ZSU



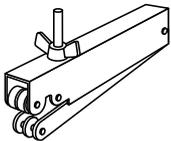
Large stripping tool – all cable sizes, spare blades ZSUB. For Copper and Cupro-Nickel cables.

ZSUS



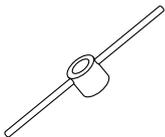
Small stripping tool – cable $\varnothing < 9$ mm, spare blades ZSUBS. For Copper and Cupro-Nickel cables.

ZR



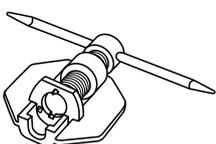
Ringing tool for cable $\varnothing < 9$ mm.

ZPM20, ZPM25



Potting tool, ensures quick and accurate screwing on of the brass pot and is used in conjunction with the appropriate RGM cable gland (M20 or M25).

ZDC20, ZDC25



Crimping tool for 20 and 25 mm seals.



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