

Compact termination kit for self-limiting heating cables with terminal block for use in hazardous areas

**Termination kit Ex**

- Temperature resistant up to +180°C
- Current rating 20A
- Usable for a lot of heating tapes
- Very rugged because of brass nickel plated
- Very compact design
- Stainless steel on demand

## Description

The IAL8Ex... system is a very easy and fast to install connection kit for connecting power supply cable as well as heating cable, end termination, based on an approved screw connection. Due to the very compact design, it is possible to mount the parts directly on the surface of the pipe/tank/enclosure underneath the insulation. There is no blow-heater or special skills required for assembling. Further on branches can easily realized with the T-branch.



## Technical data

Temperature range:	-60...180°C
Heating tapes:	ILL, ILM, ILH, ILHS (CF) ILS (up to incl. 75W/m) IPMM, IPH
Clamping range supply:	7,0 – 10,5mm
Clamping range heating tape:	4,7x10 – 6,5x13mm
Max. current rating:	20A AC
Supply voltage:	12...400V AC
Terminal diameter:	2,5mm <sup>2</sup>
Protection class:	IP66
Length supply / end:	110 mm / 70 mm
T-branch (L/W)	125 mm / 60 mm
Diameter:	25mm (SW24)
Weight supply / end / T:	168g / 116g / 290g
Material:	Brass nickel plated

## Further Information

Follow instructions of installation manual!

## Order information

Material number:

example:

Quintherm IAL8EX

Operation Temperature Range:  
-60...+180°C

Terminal block (K)

Narrow heating tapes (see clamping range)

Connection and termination set (S)

Connection set, supply heating cable (A)

Termination set (E)

Connection set, heating cable – heating cable (V)

T-branch (T)

IAL8EX H K S S

## Approval

ATEX, GOST TC-RU

## Marking

- II 2G Ex e IIC T6/T5/T4/T3 Gb
- II 2D Ex tb IIIC T195°C Db IP65

## Alternative products

IAL3Ex....: Connection and termination kit for self-limiting heating cables in heat shrink technology

## Additional products

ILL, ILH...: Self-limiting parallel heating cables  
AG101Ex: Ex-junction box (different types)

