

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

Termination Kit Ex



- Temperature resistant up to 190°C
- Current rating 20A
- Suitable for use with many types of heating cables
- Version brass nickel plated
- Version in stainless steel upon request
- Compact design

## Description

The IAL8Ex... system is a very easy and quick 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, or enclosure underneath the insulation. There is no blow-heater or special skills required for assembling. Further on branches can easily be realized with the T-branch.



## Technical Data

Temperature Range:	-60...190°C
Heating Cables:	ILLw, ILM, ILH, ILHS (CF), ILS
Clamping Range Supply:	7.0 – 10.5mm
Clamping Range	
Heating Cable:	4.7x10 – 6.5x13mm
Max. Current Rating:	20A AC
Supply Voltage:	12...400V AC
Terminal Diameter:	2.5mm <sup>2</sup>
Protection Class:	IP65
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

## Ordering Information

Part number:

Example:	IAL8EX H K S S
Quintherm IAL8EX	_____
Operation temperature range: -60..+190°C	_____
Terminal block (K)	_____
Narrow heating tapes (see clamping range)	_____
Connection and termination set (S)	_____
Connection set, supply heating cable (A)	_____
End-Termination set (E)	_____
Connection set, heating cable – heating cable (V)	_____
T-branch (T)	_____
Integrated frost protection thermostat (C)	_____

## Approval

ATEX, IECEx, EAC

## Marking

- II 2G Ex eb IIC T6/T5/T4/T3/T2 Gb
- II 2D Ex tb IIIC T135°C Db IP65

## Further Information

Please consult the installation instructions!

## Alternative Products

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

## Further Products

ILLw, ILM, ILH(S); ILS, self-limiting parallel heating cables  
 AG 101Ex : Ex-junction box (different types)