EBECO



Junction box EX-it-R

Usage

- For ELSR-N/-H/-LS/-SH/-SHH

EX

The Ex-it-R junction box with mounting bracket (Ex-it) is intended for use in explosive environments in accordance with Ex guidelines 94/9/EC (ATEX 95) and offers several advantages. Thanks to the shape of the box, the inserted cable does not need to bend sharply and thus reduces the risk of cable damage. Thanks to the mounting bracket provided, no angle irons are needed. This is particularly advantageous for heating cables on pipes as the cable can be inserted directly via the mounting bracket. In addition, no fixing screws are needed for heating pipes and sensors. A safety lock with accompanying tools prevents the cover from moving. Additional mounting options make it possible to attach rating plates for easy identification of heating circuits in complex systems.

Specifications

Connection terminal heating cable/sensor	Max 6 mm²/1,5 mm²
Colour	Black
Working temperature (mounting bracket)	-20-200 °C
Contains SVHC substances according to REACH	No
Insulation, max	120 mm
Enclosure class	IP65
Classification (Ex)	II 2G Ex eb IIC Gb II 2D Ex tb IIIC Db
Classification (EX) mounting bracket	II 2G Ex e II II 2 D Ex tD A21 IP65
Material	Plastic
Installation	Pipe mounting
Dimensions	150*125*90
Ambient temperature	-40 - 50 °C
Outer diameter of the pipe, min	20 mm
Impact resistance	7 Joule

Documents

Manual

Warranty

The general terms of delivery are listed below.
Our warranty terms

Article list

Article number	Description	Thread
0X80092	EX-It-R-ELTf Junction box incl. mounting post for 1 x PT100	
0X80082	EX-It-R T Junction box incl. mounting post for ELSR	
8935074	Ex-it-R for connection of 3 heating cables of the ELSR-N / -H / -LS / -SH / -SHH type, 1 connection cable and 1 sensor cable	1 x M25 fitting

Learn more about this product:
https://www.ebeco.com/en/products/industry/junction-box-ex-it-r