

EXTC 100



Ex approved electronic controller for trace heating
With remote control

Trace heating



- Temperature adjustable with hazardous areas
- 2-, 3-, 4-wire for PT100 probe
- Wide temperature range
- Intrinsically safe remote control
- 16 A rated current
- Adjustable mounting bracket

Description

The EXTC 100 electronic controller is contained in an Ex d enclosure with a clear glass window. This enables you to read the current data, as set temperature and actual temperature. By means of a pivoting mounting bracket the display can always be placed in the sight of the operator. Changing and setting the values can be done whilst the unit is fully operational by means of intrinsically safe infrared remote control technology. Thus adjustment of process temperatures can be handled easily and simply without opening the Ex d enclosure. Ex PT100 sensors are suitable for this type of monitoring. Switching capacity of 16 A allows direct switching of heating circuits.



Possible use

- Trace heating, process control

Technical data

Material:	<p>Painted Aluminum Stainless steel on request</p>
Dimensions (mm):	150mm high, Ø 130mm
Display resolution:	1 digit
Input:	PT100
Output:	Relay 1,3 Programmable (NO/NC)
Rated current:	16 A
Max. switching capacity:	4000VA
Voltage:	85 – 265 Volts AC 85 – 370 Volts DC
Display:	128x64 pixel white, backlit LCD
Remote control:	112mm x 62mm x 31mm Intrinsically safe
Mounting bracket:	3mm stainless steel (316)
Weight:	2 kg

Approvals

ATEX, IECEx

Marking

Controller:

Ex II 2G Ex db eb IIC T6

Ex II 2D Ex tb eb IIIC

Remote control:

Ex II 2G Ex ia IIC T4

Ambient parameters

Store temp.: -65°C to +75°C

Operation temp.: -40°C to +75°C