IRE IoT Ex-__

Ex d electronic temperature controller for use in hazardous area.

Electronic IoT Controller Ex d

- Robust design, IP65
- 20A/240V switching capacity

- Wi-Fi, Bluetooth
- Free Android App for setup!

Description

The Quintex Ex approved IoT temperature controller is available with modern communication as Wi-Fi and Bluetooth. Protection by a password. No cloud data transfer, only usable within your protected Wi-Fi network.

As a sensor a Ex e approved PT100 can be used in 2-, 3- or 4- wire connection. Configuration can be done directly at the controller by buttons (outside Ex area) with a smartphone (inside Ex area on an approved one) as well as via internet browser.

Typical applications are trace heating projects for process temperature and/or freeze protection, unmanned plants and IoT- applications within a facility.

Standard colour is signal yellow RAL 1003.

Possible application

- Petro chemistry / Refinery / Offshore
- Wastewater industry / Sewage treatment
- Shipbuilding / Tanker
- Tank farm / Filling station
- Ex-manufacturing plant

Technical Data

Ambient Temperature:	-40°C...+55°C
Operation voltage:	100V...240V
Switching Capacity:	20A/240V AC NO
Hysteresis:	0.1… 5.0 K
Temperature Class:	T6: -40°C ≤ Ta ≤ +40°C
	T5: -40°C ≤ Ta ≤ +55°C
Protection Class:	IP65
Communication:	Bluetooth®, Wi-Fi
Sensor:	Ex e Pt100
Clamping range Glands:	4...12mm (M25)
Clamping range Spring-cage terminals:	2.5mm²

Marking

- ⟨Ex⟩ II 2G Ex db IIB T6/T5 Gb
- ⟨Ex⟩ II 2D Ex tb IIIB T120°C Db IP65

Approval

ATEX

Further Information

Free Android App for setup!

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