

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 color is signal yellow RAL 1003.



Possible application

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

Marking

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

Approval

ATEX

Further Information

Free Android App for setup!



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