

Electronic multi-functional temperature controller for trace heating in mid- and small-sized plants in front-panel mounting design.

Electronic Controller non-Ex



- For 8 channels and up to 8 zones
- Input PT100 and other; output as relay and other
- Multi voltage supply 100-240V
- Controller: ON-OFF, P, PI, PD, PID and auto-tuning
- Displays set- and process-value
- 3 alarm outputs

Description

The Quintex IRE8x is a simple to operate electronic multi-function temperature controller with various adjustment possibilities for usage in mid- and small-sized plants.

The controller is available in 8 channel version. Control-parameter can be automatically determined and set by auto-tuning.

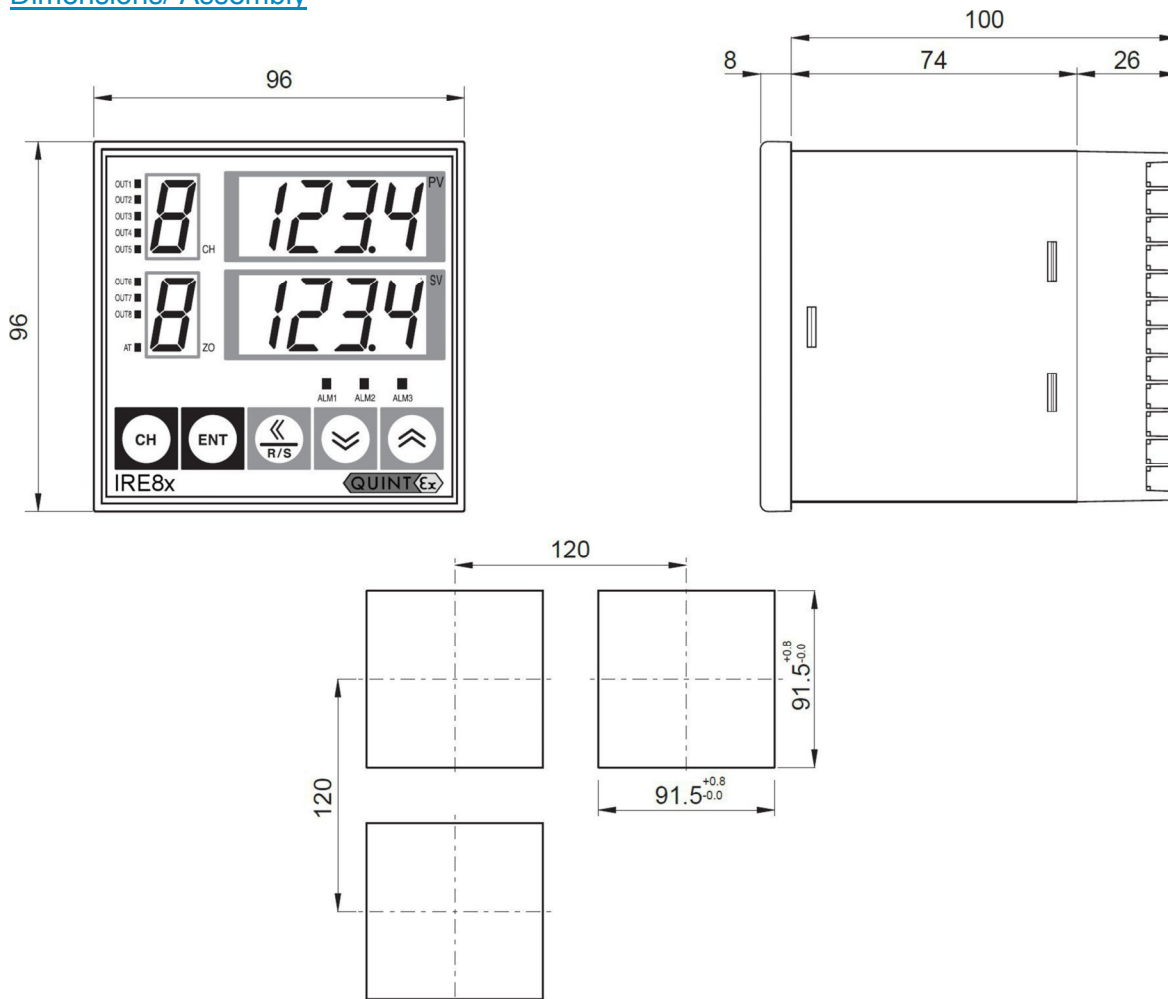
For monitoring, you can set 3 different alarm outputs. There are a lot of variants for sensors, outputs and monitoring possibilities available. The controller will be delivered with pre-set for freeze-protection.



Technical Data

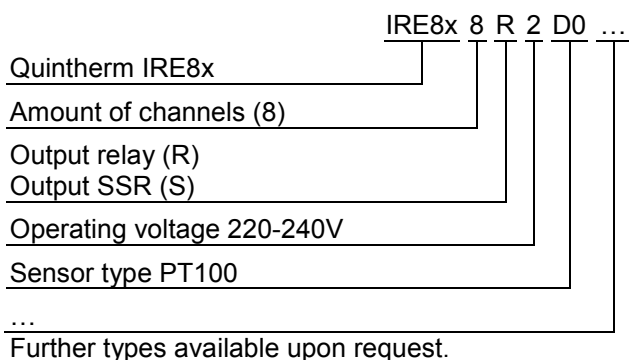
Amount of Channels:	8
Amount of Zones:	8
Functions:	ON-OFF, P, PI, PD, PID
Regulator Parameters:	Manual input/ Auto-Tuning
Channel Functions:	Each channel can be set independently
Inputs:	PT100 (Standard); Optional: - Thermocouple: K,J,R,S,B,E,N,T,U,L, and others - Voltage: 0-5V, 0-10V, 1-5V - Current Transformer: 0-100A
Input Impedance:	1MΩ
Cycle Time:	1s
Temperature Range:	-199...+600°C (for PT100)
Outputs:	Relay (Standard) or SSR; optional: TRIAC, 0-20mA, 4-20mA
Output Power:	Relay: 250V / 3A or SSR (Solid-State-Relay) with pulse output 0/12V, load > 600Ω
Alarm Outputs:	3x relay (max. 250V / 1A)
Alarm Functions:	15 types
Communication:	based on EIA RS485 / RS422 / RS232C (option)
Supply Voltage:	100-240VAC, 50-60Hz (option 24VDC)
Power Consumption:	max. 12VA
Environment:	Temperature: 0-50°C, Humidity: 35-85% r
Dimensions (LxWxH in mm):	96 x 96 x 100

Dimensions/ Assembly



Ordering Information

Example:



Further Products

Part number:
 IRPT100: PT100 temperature sensor 3-wire up to 180°C

Further Information

Please consult operation instructions before use.