

External DigiTherm Digital Controller

Overview & Technical specifications

Description

Digital controller for temperature control in Heating Blankets for industrial use.



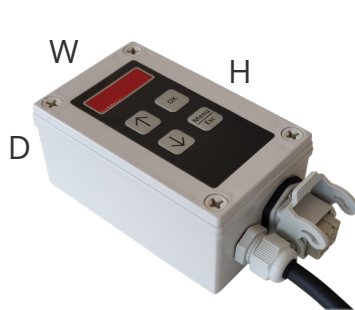
Uses

- General Heating Blankets.
- GRE Pipe Heating Blankets.
- High Voltage Cable Heating Blankets.
- Drum & IBC Heating Blankets.

Power

- Voltage: 115V or 230V (+/-10%)
- Power 115V: 1800W max.
- Power 230V: 3000W max.
- Available with or without power plug.

Dimensions



- Height: 130mm
- Width: 80mm
- Depth: 61mm
- Weight: 0,46kg

Environment

- Environment min/max: -10°C / 40°C
- IP Rating: IP54

Features

- Up to 200°C applications.
- Digital display showing desired temperature.
- Option to also show current measured temperature.
- Easy to use glove friendly buttons.
- Can be limited to a specific max temperature setting for safety.
- Timer function for auto shut off.
- Ramp up function for slow warmup (°C/min).
- Mounted version available with cable connection for heating blanket.

Safety features

- Current fuse 16A.
- Over voltage protection.
- Internal over temperature shutdown.
- Protection class II - Double insulated.

Sensor

- Designed for heating blankets with build in PT100 type sensor.

Pin Layout

- Pin layout for Harting connector:
- Pin 1 & 2: Power for heating blanket.
 - Pin 3 & 5: PT100 Sensor.
 - Ground: Ground.