

D043 DIN Panel mount - Temperature Monitor

with one high / low alarm output



Features

- Displays actual temperature and alarm values.
- Two alarm values can be entered: low and high temperature alarm.
- Temperature: six large 17mm (0.67) digits.
- Selectable on-screen engineering units: °C - °F - K.
- Ambient temperature: -40°C to +80°C (-40°F to 176°F).
- Red flashing LED backlight in case of a temperature alarm.
- Easy configuration with clear alphanumeric display.
- Aluminum DIN front panel of 144 x 72mm (5.67" x 2.83") according DIN 43700 / IEC 61554.
- Various [accessories](#) are available for this product.

Product description

The D043 is a versatile, panel mount temperature indicator with continuous temperature monitoring feature. It has one low temperature and one high temperature alarm value. If desired, an ignore (delay) function can be set up to allow for an incorrect temperature for a certain period of time.

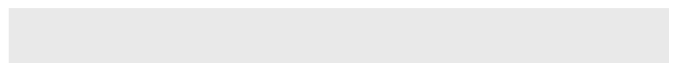
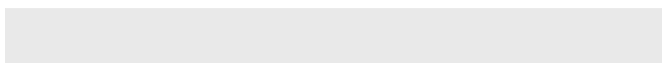
Advantages

- Unique, robust IP66, IP67 (NEMA Type4X) panel mount front enclosure made of die cast aluminum, allowing even big jets of water and total immersion.
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.

Applications

- The D043 fits in applications where continuous temperature measurement and monitoring is important.
- The D-Series is a DIN-sized display and the **better alternative** for your existing, not waterproof, front panel mount indicators in extreme weather outdoor applications or e.g. in food industries where working environments are often cleaned with powerful water jets.

Product specifications



Signal Inputs

Temperature Inputs

- (0)4 - 20mA.
- 0 - 10V DC.

Supply

Power Supply

- Basic: 8 - 30V DC (no real sensor supply).
- Long life Lithium battery.
- 4 - 20mA input Loop-powered.
- 24V AC/DC + sensor supply.
- 115 - 230V AC + sensor supply.

Sensor Supply

- 8.2, 12 & 24V DC.

Signal Outputs

Alarm outputs

- Function: Configurable alarm output for high, low or both combined temperature alarms.
- Type: One passive signal output, an active signal output or a robust, highly isolated (NO/NC) relay.

Analog outputs

- None.

Hazardous Area

Intrinsically Safe

- For Intrinsically Safe applications we recommend the F-Series.

Communication

- Modbus communication available on F1-Series products.
- HART communication is available with the F018 Flow rate Monitor / Totalizer.



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We're happy to answer any questions about our products and services.
Just send us an email or give us a call.