# RedLion®
BY HMS NETWORKS

# CUB®5 Miniature RTD Panel Meter with Reflective Display

**Item number: CUB5RTR0**

The CUB®5 Miniature RTD Panel Meter with Reflective Display is compact and powerful to help you stay on top of industrial measurements. Simple to install and easy to read. Designed with flexibility in mind. Simply upgrade your meter with field-installable option cards when you need new communication and setpoint capability.

*A compact and reliable panel meter that evolves as your needs change*

# Features and benefits

## ✓ Compact and durable design

The miniature size is designed to fit any industrial setting or application, measuring: width 2.68" (68 mm) x height 1.3" (33 mm) x depth 1.29" (44 mm).

## ✓ Large easy-to-read display

See counts and measurements easily on a 0.48" (12 mm) 5-digit reflective LCD display.

## ✓ Optional communications and programming cards

Add communications capability with optional cards. Choose from RS232 and RS485. For Crimson® programming, add a USB programming card.

## ✓ Wide power input

Powered by 9 to 28 VDC. AC power available with optional module.

## ✓ Field proven and time tested

Decades of proven reliability and recognized across industries as a leader in panel meters

## ✓ Programming ease and flexibility

Set up and adjust with the press of a few buttons or using Crimson® software simply click through the capabilities you want to enable and disable.

## ✓ Field-installable output cards

When applications or requirements change, upgrade your meter instead of replacing it. Plug-and-play option cards enable new communications and setpoints.

## ✓ Optional setpoint cards

Add setpoint capability with optional cards. Choose from single relay or dual sinking.

## ✓ Reliable analog measurement

Whatever parameter you need to monitor, the CUB® series covers it. Keep track of temperature inputs.

# CUB®5 Miniature RTD Panel Meter with Reflective Display

## General

| | |
|---|---|
| **Net Weight (g)** | 0.2 |
| **Packed Weight (g)** | 0.2 |
| **Operating Temperature °C Min** | -35 |
| **Operating Temperature °C Max** | 75 |
| **Storage Temperature °C Min** | -35 |
| **Storage Temperature °C Max** | 85 |
| **Relative Humidity** | 0 to 85% relative humidity (non-condensing) |
| **Power Consumption (W)** | 0 |
| **Input Voltage (V)** | 9-28 VDC |
| **Maximum Installation Altitude (m)** | 2000 |
| **Mounting** | Panel mount |
| **Panel Cut-Out Dimensions** | 2.68" (68 mm) x 1.30" (33 mm) |
| **Housing Materials** | Plastic |
| **Front Sealing** | Type 4X/IP65 |
| **Back Sealing** | IP20 |
| **Packaging Material** | Cardboard |
| **Warranty (years)** | 2 |

## Identification and Status

| | |
|---|---|
| **Product ID** | CUB5RTR0 |
| **Country of Origin** | United States of America (the) |

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## Identification and Status

| | |
|---|---|
| **HS Code** | 9032890090 |
| **Dual Usage** | No |

## Physical Features

| | |
|---|---|
| **Connectors / Input / Output** | Terminal block, 1x RS232 or RS485 |
| **SD Card Slot** | No |
| **Flash Drive** | No |
| **Contains Battery** | No |

## Display Features

| | |
|---|---|
| **Analog/Digital** | Digital |
| **Display Type** | Reflective |

## Certifications and Standards

| | |
|---|---|
| **Protection Class IP** | IP65 |
| **RoHS Compliant** | Yes |
| **CE** | Yes |
| **FCC** | No |
| **UKCA** | Yes |
| **UL** | Yes |
| **ATEX** | No |
| **DNV** | No |
| **KC** | No |
| **Vibration and Shock** | IEC 68-2-27: Operational 30 g; IEC 68-2-6: Operational 5-500 Hz, 5 g |