RedLion®
BY HMS NETWORKS

CUB®5 Miniature RTD Panel Meter with Backlight Display

Item number: CUB5RTB0

The CUB®5 Miniature RTD Panel Meter with Backlight 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 red/green backlight 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.

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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	CUB5RTB0
Country of Origin	United States of America (the)

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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	Backlight
Backlight Type	Red/Green

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