A LonWorks®-based Room Controller (LRC) provides additional I/O to Celeris systems and the intelligence for a Sentry Fume Hood Display (FHD) to operate on constant volume hoods or those controlled by variable frequency drives.

The LRC is available without enclosure or in either a metal enclosure or a NEMA 4 fiberglass panel.

**SPECIFICATIONS**

**Dimensions/Construction**

No Enclosure

- 11.0" W x 1.5" H X 4.4"D (280 x 39 x 112 mm)

Metal Enclosure

- 13.5"W x 2.8"H x 5.32"D (343 x 72 x 136 mm)
- Material: Cold rolled steel
- Weight: 3.3 lbs (1.50 kg)

Panel

- 12"W x 10"H x 5.13"D (305 x 254 x 202 mm)
- Material: NEMA4 fiberglass
- Mounting Plate: Type 1100 aluminum
- Weight: 7 lbs (3.18 kg)

**Operating Range**

- 32-122 °F (0-50 °C) ambient
- 10-90% non-condensing RH

**Power**

- 24 Vac (±15%) @ 50/60 Hz

**Power Consumption**

- 1.2 VA

**I/O**

Available for connecting field devices:

- 3 universal inputs. Accepts volt, mA, ohms or NTC 2 or 3 thermistor signals.
- 1 digital input
- 2 analog outputs. Provides volt or mA signals.
- 1 digital output (Type C, 1 amp @ 24 Vac/Vdc)
- Input accuracy: Voltage, current, resistance: ±1% full scale
- Output accuracy
  - 0 to 10 Vdc: ±1% full scale into 10 kΩ minimum
  - 4 to 20 mA: ±1% full scale into 500 Ω +0/-50 Ω

**Regulatory Compliance**

- RoHS
- FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Contact Address:

Honeywell GmbH
Boeblinger Str. 17
71101 Schoenaich
Germany
Ordering Guide

**PRODUCT FAMILY**
LRC = LonWorks-based room controller

**SERIES**
100 = First generation

**OPTIONS**
ENC = A steel valve enclosure houses the Lon card.
PNL = NEMA 4 fiberglass enclosure houses the Lon card.
SCD = A steel valve enclosure houses the Lon card (for Sentry constant volume and VFD applications).