

Remote Displays



FEATURES

- Digit-for-digit weight/tension indication from a master LCp-100 or LCp-200 indicator/transmitter
- Simple installation - no calibration required
- Can be located 2000 feet from the transmitting device
- Panel mount or optional NEMA 4/4X enclosure
- FM approved, CE marked, and CSA certified

DESCRIPTION

BLH Remote Digital Displays receive and display serial ASCII data transmitted by a host LCp-100, LCp-200 series weight indicator/ transmitter. Operating on supplied data, the Remote Display precisely duplicates the weight/tension value display of the host device. Indication also includes gross, net, and rate information.

Units require only a twisted pair of wires for interconnection and mount up to 2000 feet from the host device. Remote Display units are ideally suited for applications where analog panel meter resolution is not adequate. Analog displays present only an approximation of actual weight data whereas serial communication guarantees digit-for-digit replication. Precision

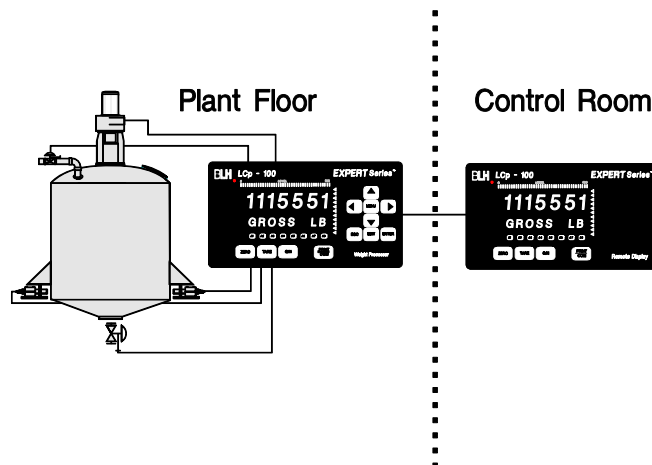
accuracy, easy installation, and optional NEMA or explosion-proof enclosures make these units the perfect choice for plant or control room remote display.

Front panel ZERO and TARE keys transmit push to zero and tare commands to the host device. The G/N (gross-net-rate) key, however, functions independently from the host device. For example, a remote LCp-200R unit can display net weight or rate while the host LCp-200 displays gross weight.

APPLICATIONS

- High resolution remote display

CONFIGURATION



SPECIFICATIONS

Display

Type	high intensity cobalt green vacuum fluorescent
Active Digits	7 digit alpha numeric 0.59" high for weight: 8 digit alpha numeric 0.39" high for status

Communications

Serial RS-485	two wire, half duplex
Baud Rate	9600

Approvals/Certifications

FM (Factory Mutual)	3611
CSA	C22.2 (all applicable sections)

Environment

Operating Temp.	-10 to 55°C (15 to 131°F)
Storage Temp.	-20 to 85°C (-5 to 185°F)
Humidity	5 to 90% rh non-condensing
Voltage	117/230Vac ± 15% @ 50/60Hz
Power	15 watts max
Parameter Storage	flash EPROM

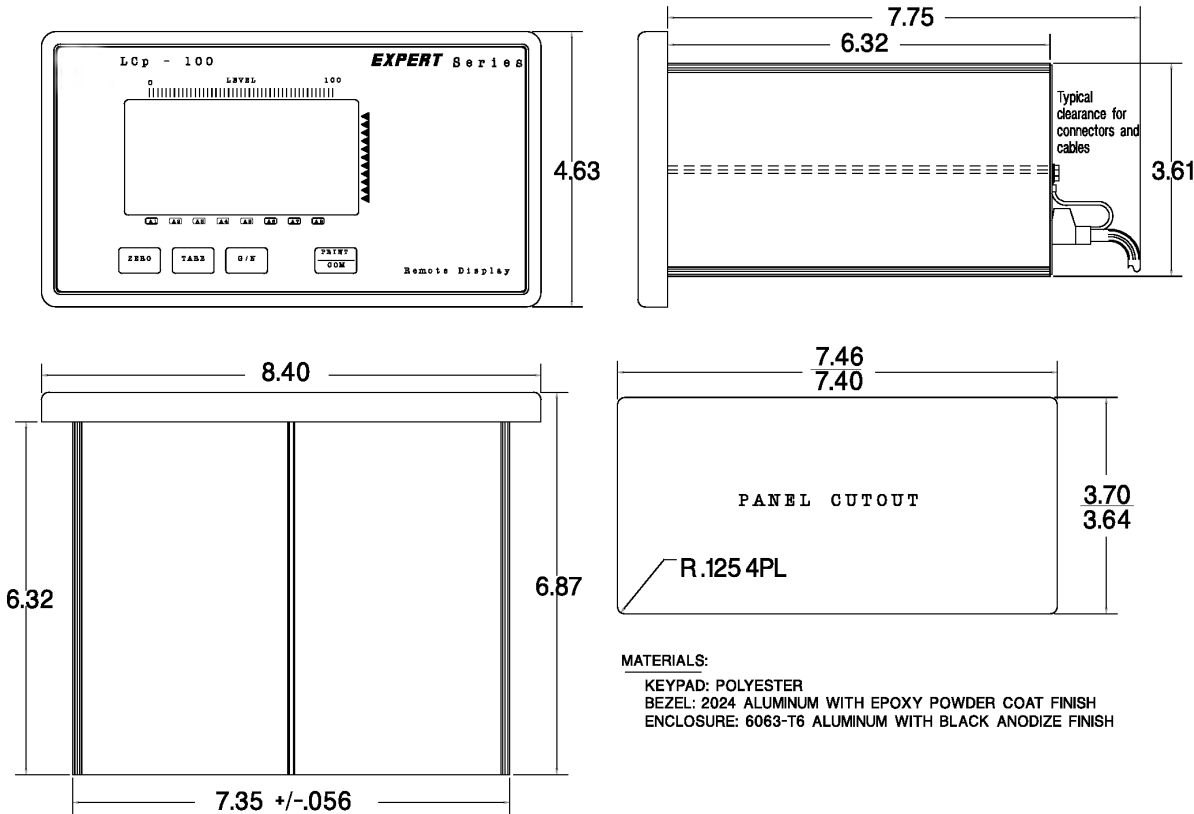
Enclosure

Dimensions (std)	4.63 x 8.40 x 6.5in. HxWxD
NEMA 4/4X, 12 (opt)	8.5 x 13.5 x 10.45in. HxWxD

Materials

Aluminum Case/Bezel	overlay meets 94V-0 rating
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DIMENSIONS



BLH is continually seeking to improve product quality and performance. Specifications may change accordingly.