

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

APPLICATIONS

- High resolution remote display

DESCRIPTION

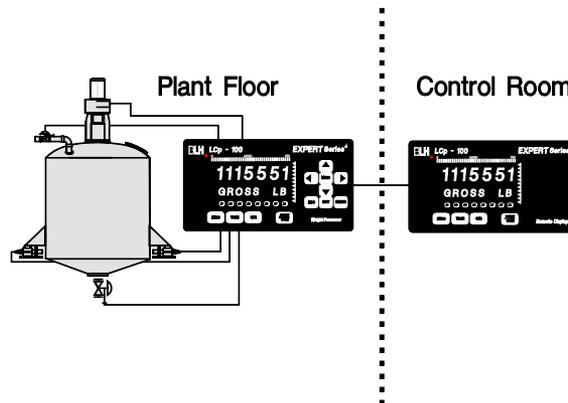
BLH Nobel Remote Digital Displays receive and display serial ASCII data transmitted by a host LCp-100, LCp-200 series weight indicator/ transmitter. Operating on supplied data, the Remote Display precisely duplicates the weight/tension value display of the host device. Indication also includes gross,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

Units require only a twisted pair of wires for interconnection and mount up to 2,000 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.

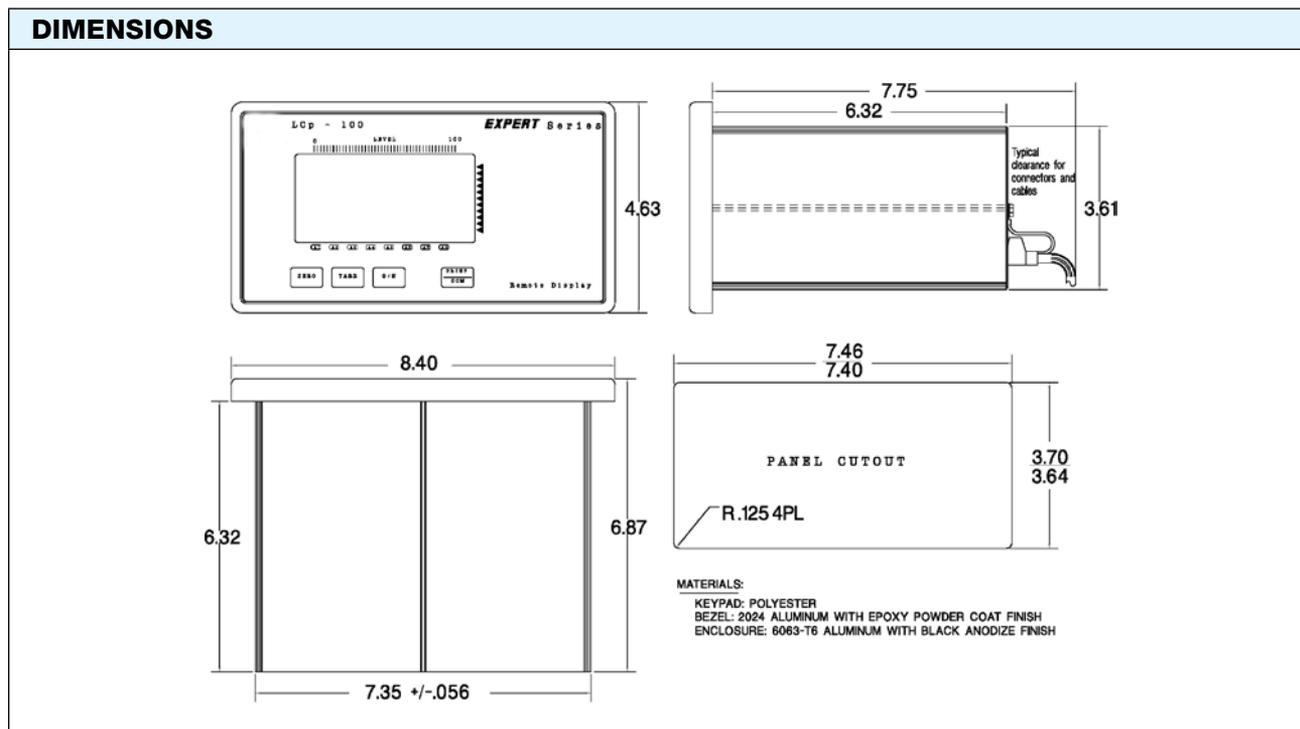


Front panel ZERO and TARE keys transmit push to zero and tare commands to the host device. The G/N (gross-net-rate) key, however, functions independently from the host device. For example, a remote LCp-200R unit can display net weight or rate while the host LCp-200 displays gross weight.

CONFIGURATION



Remote Displays



PARAMETER		VALUE	PARAMETER		VALUE
PERFORMANCE					
Display	High intensity amber LED display				
Active Digits	7 digit alpha numeric 0.59 in high for weight: 8 digit alpha numeric 0.39 in high for status				
ENVIRONMENT					
Operating Temperature	-10 to 55°C (15 to 131°F)				
Storage Temperature	-20 to 85°C (-5 to 185°F)				
Humidity	5 to 90% rh non-condensing				
Voltage	117/230 VAC ± 15% @ 50/60Hz				
Power	15 W max.				
Parameter Storage	Flash EPROM				
ENCLOSURE					
Dimensions (Std.)	4.63 × 8.40 × 6.5 in H × W × D				
NEMA 4/4X, 12 (Opt.)	8.5 × 13.5 × 10.45 in. H × W × D				
MATERIALS					
Aluminum Case / Bezel	Overlay meets 94V-0 rating				
COMMUNICATIONS					
Serial RS-485	Two wire, half duplex				
Baud Rate	9,600				
APPROVALS/CERTIFICATIONS					
FM (Factory Mutual)	3611				
CSA	C22.2 (all applicable sections)				

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