



Laser

A laser level measurement sensor is used for level control, plugged chute detection, and monitoring buildup. This non-contact device measures in a tight beam, making it suitable for use in very narrow vessels, constrained spaces, or in applications where the beam must be precisely targeted to avoid walls or other structures. Laser can be pointed at an outlet to ensure timely replenishment of material or mounted near the sidewall to detect buildup.

Description	Part No.
BATTERY-OPERATED LASER	
SPL-100 Laser level sensor, 98 ft. maximum measurement, wireless LoRa output, includes standard -20°F to 120°F (-30°F to 65°F) battery.	SPL-100
SPL-100-C Laser level sensor, 98 ft. maximum measurement, wireless LoRa output, includes standard -40°F to 120°F (-40°F to 65°F) battery.	SPL-100-C
FVL-100 Laser level sensor, 35 ft. maximum measurement, Wireless LoRa output, includes standard -20°F to 120°F battery. Must be used with FeedView software.	FVL-100
FVL-100-C Laser level sensor, 35 ft. maximum measurement, Wireless LoRa output, includes standard -40°F to 120°F battery. Must be used with FeedView software.	FVL-100-C
WIRELESS	
LM-100 LoRa modem to receive wireless signal from SPL-100 or FML-100 laser level sensor and provide RS-485 output to Binventory software. Power supply and NEMA 4X housing included.	LM-100
LG-100 LoRa gateway to receive wireless signal from SPL-100 or FML-100 laser level sensor. Provides ethernet output to be utilized with BinView/FeedManager. Power supply and NEMA 4X housing included.	LG-100
LG-200 LoRa gateway to receive wireless signal from SPL-100 or FML-100 laser level sensor. Provides Cellular (cellular plan to be purchased separately) output to be utilized with BinView/FeedView. Power supply and housing included.	LG-200
485 to USB converter	530-0570
485 to Ethernet converter (TCP/IP)	344-0006
MOUNTING PLATES FOR BATTERY-OPERATED LASER	
Swivel mount with 1.5" NPT female connector. Can swivel in one direction up to 40°.	SWVL-40
GRMP-6 - 0° 1-1/2" NPS Powder coated carbon steel mounting plate with half coupling	730-0298
GRMP-11 - 5° 1.5" NPS Powder coated carbon steel mounting plate with half coupling	730-0501
GRMP-12 - 10° 1.5" NPS Powder coated carbon steel mounting plate with half coupling	730-0502
GRMP-18 - 30° 1.5" NPT Powder coated carbon steel mounting plate with half coupling	730-0633
LASER LEVEL TRANSMITTER	
LL-100 - Laser Level sensor, 1 ft to 160 ft (0.3 m to 50 m) range with 0.4 in (10 mm) resolution and +/- 1" (25 mm) accuracy. Non-visible laser beam with <1° beam angle. 12-28 VDC power input with 4 to 20 mA (3wire) output. Can be used in -4°F (-20°C) to 140°F (60°C) environments in an IP66 enclosure.	730-5176
MOUNTING PLATES FOR LL-100	
LL-900 Mounting Flange - ANSI (DN100 PN6/PN10) 4" 150# with <10° swivel angle.	258-0113
LL-910 Mounting Flange - ANSI (DN65 PN6) 2.5" 150# with <10° swivel angle.	258-0114