



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-200 & FVL-200 require BinCloud Gateway with LoRa communications	
SPL-200 Laser level sensor, 98 ft. maximum measurement, wireless LoRa output, includes standard -20°F to 120°F (-30°F to 65°F) battery.	SPL-200
FVL-200 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-200
MOUNTING PLATES FOR BATTERY-OPERATED LASER	
Swivel mount with 1-1/2" NPT female connector. Can swivel in one direction up to 40°.	SWVL-40
Swivel mounting plate with 8" diameter flange and 1.5" NPS ball. Swivel range up to 13° for aiming radar or laser level sensors. Mounting plate is machined from 30% glass-filled polypropylene.	SWVL-15.8AXX
Swivel mounting plate with 9" diameter flange and 1.5" NPS ball. Swivel range up to 13° for aiming radar or laser level sensors. Mounting plate is machined from 30% glass-filled polypropylene.	SWVL-15.9AXX
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	
Mounting Flange - ANSI (DN100 PN6/PN10) 4" 150# with <10° swivel angle.	258-0113
Mounting Flange - ANSI (DN65 PN6) 2-1/2" 150# with <10° swivel angle.	258-0114