

710 Module - Specifications

Size (HxWxD):	4.9 x 5.7 x 2.0 in (12.4 x 14.5 x 5.1 cm)
Weight:	1.1 lbs (0.5 kg)
Material:	Polystyrene
Enclosure:	NEMA 4X, 6 IP67
Power:	9 to 14V DC (provided by 6700 Series Sampler)
Program Memory:	Non-volatile, programmable flash; can be updated via interrogator port on 6700 Series Sampler using a PC
Operating Temperature:	32° to 120°F (0° to 49°C)
Storage Temperature:	0° to 140°F (-18° to 60°C)
Ultrasonic Sensor	
Dimensions:	2.3 inches diameter x 6 inches long (5.7 x 15.2 cm)
Cable Length x diameter:	25 ft x 0.3 in (7.6 m x 0.8 cm)
Weight (incl cable):	2.1 lbs. (1.0 kg)
Materials:	Delrin [®] housing with PVC cable
Enclosure:	NEMA 4X, 6; IP67
Level resolution:	0.013 ft (0.4 cm) [per count of digital timer]
Level measurement accuracy:	A change of less than 1 foot (30.5 cm): ±0.02 ft (±0.6 cm) at 72°F(22°C). A change of 1 to 10 feet (30.5 to 305 cm): ±0.04 ft (±1.2 cm) at 72°F(22°C). The change is relative to the calibration level.
Maximum error due to temperature:	±0.000085 x (Distance to liquid surface) per °C; ±0.000047 x (Distance to liquid surface) per °F
Beam Angle:	10 degrees
Range:	Minimum 1 foot (30.5 cm) from sensor to liquid at maximum level. Maximum 11 feet (335 cm) from sensor to liquid at minimum level.
Deadband:	1 foot (30.5cm)
Span:	0 to 10 feet (0 to 305 cm)