



LEVEL & LEAK DETECTION

SUBMERSIBLE LEVEL TRANSMITTER SBLT2 SERIES

DESCRIPTION

The **Dwyer SBLT2 Series** submersible level transmitters are manufactured for years of trouble free service in the harshest applications. It measures the height of liquid above the position in the tank referenced to atmospheric pressure. The transmitter consists of a piezoresistive sensing element, encased in a 316 SS housing. Bullet nose design protects the diaphragm from damage.

Units come equipped with a 270-pound tensile strength shielded and vented cable. Ventilation tube in the cable automatically compensates for changes in atmospheric pressure above the tank. The vent is protected with a maintenance free filter eliminating particulate or water droplets from entering the transducer.

FEATURES

- **Lightning and surge protection**
- **Maintenance free vent filter**
- **Slim design for tight applications**
- **Submersible**

NEW!



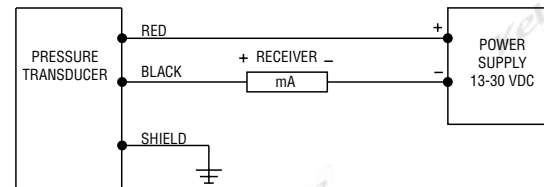
SBLT2 Series

Dwyer®

Mercoid®



WIRING



SPECIFICATIONS

Supply Voltage	13-30 VDC
Signal Output	4-20 mA @ 850Ω (loop powered)
Accuracy	±0.25% of full scale
Response Time	50 ms
Operating Temperature	0° to 150°F (-18° to 60°C)
Wetted Materials	316 SS, 316L SS, epoxy adhesive; Cable: Polyether polyurethane or ETFE; Bullet Nose: PVC
Mounting Orientation	Suspended in a tank below level being measured
Electrical Protection	Lightning and surge protection

Compensated Temperature Range	0° to 140°F (-18° to 60°C)
Connections	Wire pigtail
Media Compatibility	Compatible liquids
Pressure Range	2X full scale
Thermal Effect	Less than ±0.02%/°F
Operating Temperature	0° to 150°F (-18° to 60°C)
Dimensions	1.0"W x 6.9"H x 1.0"D (2.5 x 17.6 x 2.5 cm)
Approvals	CE
Weight	2.2 lb (1.0 Kg)
Warranty	1 year

ORDERING INFORMATION

MODEL	DESCRIPTION
SBLT2-5-40	Submersible level transmitter 5PSI (11.54 ft WC) 40 ft polyurethane cable
SBLT2-10-40	Submersible level transmitter 10PSI (23.05 ft WC) 40 ft polyurethane cable
SBLT2-15-60	Submersible level transmitter 15PSI (34.63 ft WC) 60 ft polyurethane cable
SBLT2-2-60	Submersible level transmitter 20PSI (46.18 ft WC) 60 ft polyurethane cable
SBLT2-5-40-ETFE	Submersible level transmitter 5PSI (11.54 ft WC) 40 ft ETFE cable
SBLT2-10-40-ETFE	Submersible level transmitter 10PSI (23.05 ft WC) 40 ft ETFE cable
SBLT2-15-60-ETFE	Submersible level transmitter 15PSI (34.63 ft WC) 60 ft ETFE cable
SBLT2-2-60-ETFE	Submersible level transmitter 20PSI (46.18 ft WC) 60 ft ETFE cable

ACCESSORIES

A-297	Dessicant filter for vent tube
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