

SDI-12 ULTRASONIC LEVEL SENSOR

The TBSLS05 and TBSLS10 are ultrasonic level sensors with SDI-12 interface. The TBSLS05 is designed for a measurement range of 30cm to 5m and the TBSLS10 covers a range of 50cm to 10m. The TBSLS05S is a variant which is also capable of snow depth measurement. Stable, reliable range readings and excellent noise rejection make the sensor easy to use. The sensor automatically handles acoustic noise and provides a typical accuracy of 1% or better.



TBSLS10 ultrasonic level sensor with SDI-12 interface

Features

- TBSLS05 measurement range: 0.3 – 5m
- TBSLS10 measurement range: 0.5 – 10m
- Resolution: 1mm
- Accuracy: typically 1% or better
- Acoustic noise suppression
- Internal temperature compensation
- IP67 rated
- Operating voltage: 6V ... 16V
- Operating current: 8mA; sleep mode: 40µA
- Operating Temperature Range: -40°C ... 65°C

Application

- Water level measurement
- Tank level measurement
- Corn level measurement
- Snow depth measurement (TBSLS05S)