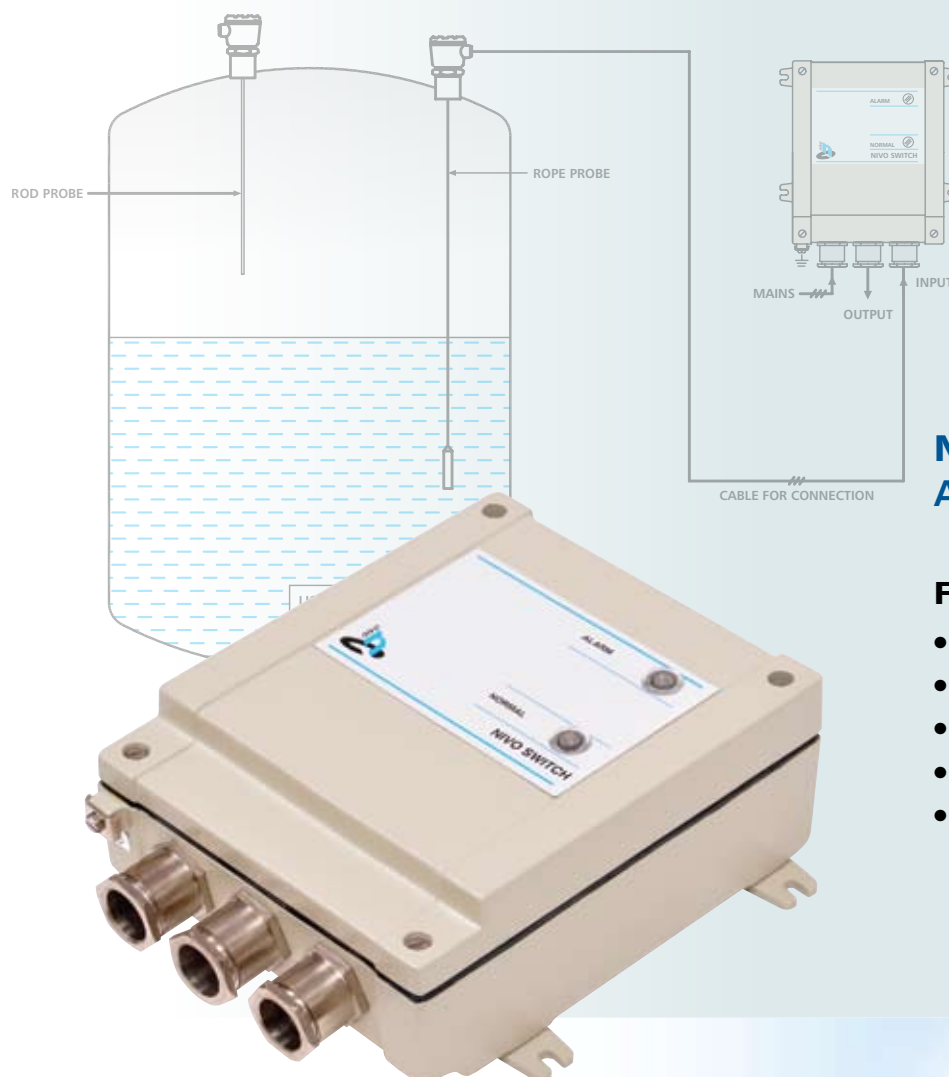


Conductivity Level Switch



NIVOSWITCH ALS 110

Features

- High Reliability
- Maintenance Free
- Easy Installation & Operation
- Remote Monitoring
- Prevents losses due to Overflow

Typical Applications

- Overspill Protection
- Dry Running Protection
- Two point control of pumps
- Multiple point detection

Nivo Controls Conductivity Level Switch is a level detector which is used to detect the level of conductive liquids in overhead tanks, sumps, drainage, dewatering pits and PVC / RCC tanks. The instrument can be used for Pump control function as well as high & low alarms.

The system comprises of a sensor which is a partly insulated rod or rope probe and a controller.

The sensor senses a decrease in electrical resistance due to the presence of conductive liquid

between the sensor and ground terminal which is a reference point and results in flow of electrical signal which ultimately operates the relay.

The instrument is available in both sheet steel (panel mounting) housing and cast aluminium housing.

Nivo Conductivity Level Switches can be used for Conductive Liquids only. The instrument can also be used in corrosive applications such as acids & alkalis by using special corrosive resistant sensing material like SS 316L, Hastalloy 'C' etc.

Technical Specifications

Indication	: Red LED for alarm level : Green LED for normal level
Supply Voltage	: 230 VAC $\pm$ 10%, 50 Hz
Option	: 110 VAC $\pm$ 10%, 50 Hz
Power Consumption	: 5 VA Max
Output	: 1 SPDT relay rated 1.5 Amp at 230 VAC or 3 Amp at 115 VAC
Option	: 1 SPDT additional relay rated 1.5 Amp at 230 VAC or 3 Amp at 115 VAC
Weight	: 1.8 Kg (Cast Aluminium Housing) 1.5 Kg (Sheet Steel Housing)
Housing	: Cast Aluminium
Option	: Sheet Steel
Protection	: IP 65 (Cast Aluminium Housing) IP 55 (Sheet Steel Box Housing)
Configurations	: Single, 2-in-1, 3-in-1, 4-in-1, 5-in-1 Instruments Available

We reserve the right to modify the technical data without prior notice.

Manufactured by

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