3P Pneumatic Level Gauge

Art.-Nr. 5000500

Description:

A universal water level gauge, indicating water height between 1 and 3 m. Maximal distance between storage tank and indicator 50 m. Water level is indicated by manual testing. 10 m indicator line included.

For wall fastening, housing made of plastic.

Universal connection for pipe or hose with an external diameter of 6 mm.

How it works:

Housing is mounted on the wall.

The level of the water in the tank has to be setted before initiation of the equipment.

For metering the fill level you have to activate the lever thus generating a vacuum in the measurement connection.

Reading of the fill level is in %.

Technical Data:

Scope of delivery:

Pneumatic measuring instrument for water, housing made of ABS.

10 m PE-Measuring line 4 x 1 mm

Assembly parts and accessories.

Height: 0,75 kg

Packing unit:

Covering box: 790x575x700 mm: 40 pieces
Pallet: 240 pieces

EAN:

3P Backup Set

Art.-Nr. 5000950

3P Technik

Description:

The set consists of the backup device with a 15 m sensor, 1/2" magnetic valve, 3P backup hopper, blocking valve and 1/2" hose. Equipment for the control of the water level inside a rainwater tank. If the rainwater supply is depleted at any time during a demand cycle or prior to a demand cycle, the system provides main water to fulfil the demand. The quantity is metered, so that only the water which is used is being provided.

Signal part:

Dimensions B x H x T: 97 x 163 x 62 mm
Weight: 0,5 kg
Supply Voltage: AC 230 V 50 Hz
Input: max. 5 VA
Mains fuse: M 32 mA
Shockproof Socket:
AC 230 V, max. 10 A, cos >= 0,9
Protection: T 10 A
Temperature of the area of application:
Surroundings:
0°C until+ 40°C
Protection class: II (DIN 57 700)
Protection category: IP 20 (EN 60529#9)
Radio shielding: according to EN 50082-1
Stability: according to EN 50082-1
Filling Level Probe
Supply Voltage: AC 6 V

Filling Level Probe:

Supply Voltage: AC 6 V
Electricity of sensor: 1,2 mA
Dimensions (L x Ø): 87 x 30 mm
Fastening: through G1-connection
Weight: 0,2 kg
Functional princ.: Conductivity measurement
Medium: Potable water and rainwater

Hopper for feeding:

Feeding into rainwater tank according to DIN consisting of:
Hopper for feeding DN50 with emergency overflow DN40 made of Polyethylen with connector for wall fastening.

Connection to circuit of potable water:

1/2" hose with netting of stainless steel and blocking valve for the connection of the magnetic valve to the circuit of potable water.

Magnetic Valve:

Required space (B x H x T): 95 x 80 x100 mm
Weight: 0,5 kg
Supply Voltage: AC 230 V 50 Hz
Input: max. 5,5 VA
Connection circuit: 3 m
Installation position: optional
Medium: Potable water and rainwater
Rated pressure: 12 bar
Flow using 4 bar primary pressure and free outlet: aprox. 50 l/min
Function closed currentless
Connection:
Inlet: G 3/4"-Cap nut with filter mesh/seal
Outlet: G1/2"-Inside thread
Protection class: I (DIN 57 700)
Protection category: IP 65 (EN)
To prevent deposits on the magnetic valve in times of sufficient rainfall, the valve is opened 3 times a week for just one second and closed again.
Signal part and sensor are connected pluggable through a circuit of 15 m.
The magnetic valve is connected firm to the signal part through a three-conductor power line (length of 3 m).

Packing unit:

Covering box: 790x575x700 mm: 40 pieces
Pallet: 240 pieces

EAN: