

FA9920 Digital level Gauge

With Relay outputs



Rainharvesting Systems Limited
The Greenshop, Cheltenham Road
Bisley, Stroud, Glos. GL6 7BX

t: 0845 223 5430 f: 01452 772 008
e: sales@rainharvesting.co.uk
w: www.rainharvesting.co.uk

The FA9920 unit provides a display of the depth of water in either the main rainwater store or a break tank. It also provides dry run protection for a pump and can control the mains water top-up to the tank. The other relays are suitable for use for other level related alarms, for example, to BMS or remote warning lamp or similar

The Sensopress LCD is the basis of this unit, it is an electronic level controller that is suitable for use in rainwater. The measurement is computed from a 4-20mA transducer into a "height of water column" measurement in cm.



We use the version with 4 outputs, each has adjustable switching thresholds. One relay is rated at 10A the others are rated at 2A.

The three function keys on the front of the display are used to change the parameters, set relay thresholds and perform calibration.

We usually supply this in an IP65 enclosure with a transparent front so that the display is always visible. Other enclosures can be supplied if required.



The IP65 Enclosure



Example of display

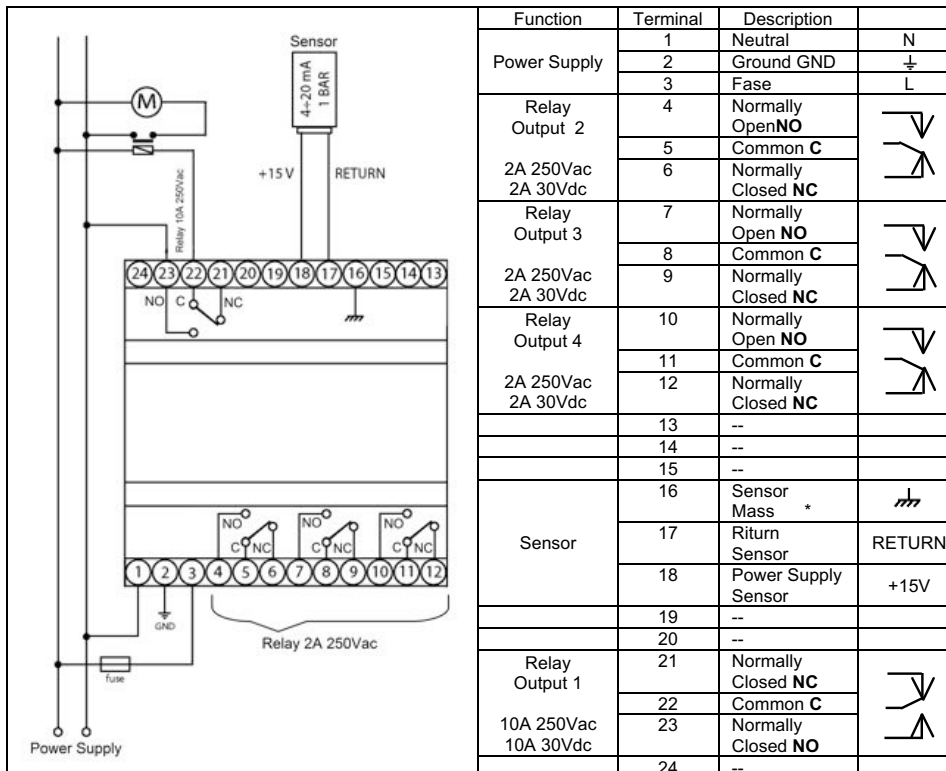
FA9920 Digital level Gauge

Wiring details and additional information.



Rainharvesting Systems Limited
The Greenshop, Cheltenham Road
Bisley, Stroud, Glos. GL6 7BX

t: 0845 223 5430 f: 01452 772 008
e: sales@rainharvesting.co.uk
w: www.rainharvesting.co.uk



FA9920-02 Version

This is available for systems where signals are required to indicate levels in both a rainwater store and a header or break tank. this will provide relays for eight switch points in all, Four in each tank, an example use would be: -

- ◆ Dry-run level in main tank.
- ◆ High and/or low level alarm in main tank.
- ◆ Pump run into header/break tank.
- ◆ Top-up for header/break tank solenoid, IF solenoid and AA airgap is used.
- ◆ Additional level alarm or control signals for header tank.

