



# Series 850

## Tank Contents Indicator / Controller

### Standard Features

- Standard input signals
  - Full 6 digit display
  - 2 alarm/control relays
- Multipoint linearisation
- Tamper proof data entry
  - Percentage bar graph
  - Refill quantity

### Optional Features

- Corrected analogue retransmission  
(standard or full transmission)
- Max 4 alarm/control relays

### Ancillary Equipment

- Tank contents transmitters
  - Borehole transmitters
- Reservoir & well transmitters
  - Pressure transmitters



**The Ashridge range of Tank Content Indicators have been specifically designed to a very high specification with rugged reliability.**

# Series 850

## Tank Contents Indicator / Controller



### MODELS

850 Panel Mounted (DIN 96)

850 Wall Mounted.

### SPECIFICATION

#### Power input

Universal, 85-265V ac or dc

#### Input signal options

0-1, 0-10, 0-20, or 4-20mA, 0-1, 0-10 or 1-5 Volts DC

#### A/D resolution

14 bit +/- lsb, temp coefficient: Less than 50 ppm /C,

#### Output signal (optional)

0-1, 0-10, 0-20 or 4-20mA

#### D/A resolution

12 bit +/- lsb, temp coefficient less than 20 ppm/C

#### Relay Outputs

Up to 4 relays each with 1 amp 250vac resistive load changeover contacts, individually programmable for set point and hysteresis and options of alarm or control modes

#### Electrical Connections

Relay connections via 12 way, 2 part terminal block input/output connections via 10 way, 2 part terminal block

#### Environmental

0-95% RH (non condensating), 0-45C ambient temperature.

Wall mounted version to IP65

#### Dimensions

Panel Mounted: 96 x 96 DIN by 161 deep, panel cut-out 92 x 92 mm

Wall mounted 240 x 180 x 115mm deep

### OPTIONS/ORDERING CODE

#### 850 = Level Computer

L/ = Litres + Alt unit

M/ = Metres + Alt unit

MH/ = Meters Head + Alt unit

Other membrane facias can be customised for OEM users

#### 850L/Power input

4/ 85-265 Vac/dc

#### 850L/4/Signal input

1/ 0-1 mA

2/ 0-10 mA

3/ 0-20 mA

4/ 4-20 mA

5/ 0-1 Volt

6/ 0-10 Volts

7/ 1-5 Volts

#### 850L/4/4/4/No of relays to be fitted (0-4 250vac 1 amp resistive)

#### 850L/4/4/4/Signal Output (preceded by 1 for isolated output)

1/ 0-1 mA

2/ 0-10 mA

3/ 4-20 mA

#### 850L/4/4/4/3/Panel or Wall mounted

P 96 x 96 mm DIN panel mounted

W 240 x 180 x 115 mm Wall mounted to IP65

AGENT



Ashridge Engineering Ltd.  
Unit 1a, 58 North Road Industrial Estate,  
Okehampton, Devon, EX20 1BQ  
United Kingdom  
t: +44 (0) 1837 53381  
f: +44 (0) 1837 55022  
e: sales@ash-eng.co.uk  
www.ash-eng.co.uk



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