



# HAWKER

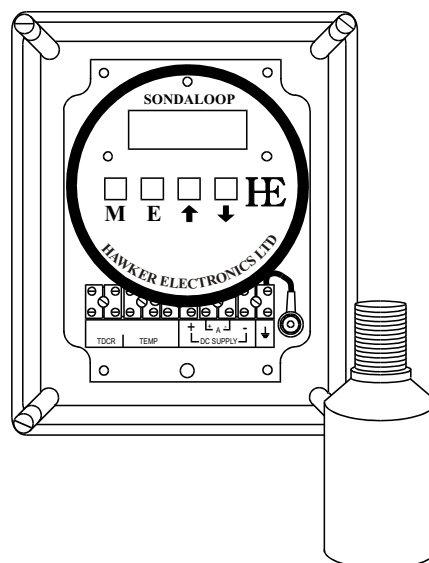
# LEVEL CONTROL SYSTEMS

## SONDALOOP REMOTE

Loop Powered Ultrasonic  
Transmitter for Non Contact  
Level Measurement

The Sondaloop Remote provides accurate, reliable level measurement for liquids and slurries, it is a loop powered, ultrasonic transmitter which operates from an 20 - 38V DC voltage, thus enabling the 4-20mA signal produced to be transmitted over relatively long distances. If 4 control relays, digital indication & a power supply are required use Flexilevel 2 as an add on unit (see data sheet no 288). If only 2 relays & a power supply are required use Type 800 Dual Trip Amp (see data sheet no 226). or the PS2 power supply with cable monitoring & lost echo (see data sheet no 292).

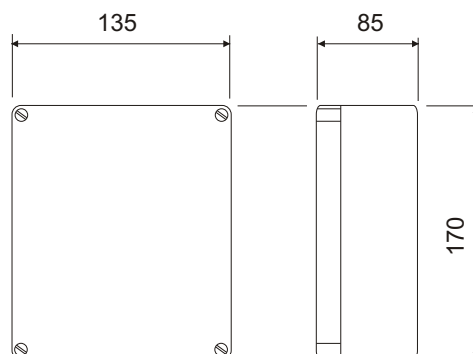
- **Simple setting up procedure saves commissioning time.**
- **Low power consumption gives economical operation.**
- **Self diagnostic facility and automatic re-calibration.**
- **Sensor weatherproof to IP68 (2m for 24 hours).**
- **Connection 3/4" B.S.P.**



### Specifications

Measuring Range:	0.3 to 8m
Output:	4-20mA (into 250 ohms @ 24V DC or 850 ohms @ 38V DC)
Loop Voltage:	20-38V DC (reverse polarity protected).
Power Required:	0.5 Watts @ 24V.
Resolution:	1mm.
Accuracy:	0.25% of measuring range (electronic).
Display:	4 Digits.
Mimimum Span:	100mm
Lost Echo:	User programmable 4, 20, 21mA or last valid reading.
Temperature Compensation:	Built-in digital sensor.
Operating Temperature:	-10° to +60° C.
Sensor Weatherproof:	IP68 (immersion in water at 2m for 24hrs).
Cable:	2 core screened cable or twisted pair
Ultrasonic Core Angle:	12°
Max Static Operating Pressure:	-0.25 to 2bar @ 20° C.
Construction Materials:	Sensor Housing:- UPVC. Enclosure:- PVC Transparent Polycarbonate Cover.
Connection:	3/4" B.S.P.
Mounting Bracket:	See Drg No US 0166.

### Enclosure Details



*Because of continuing development we reserve the right to change the specifications without notice*

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