

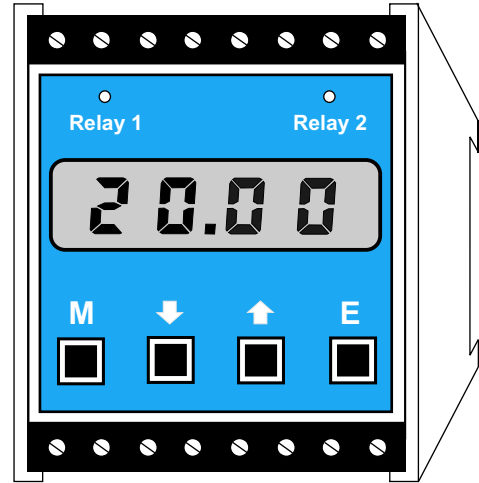


HAWKER

LEVEL CONTROL SYSTEMS

Type 900 Dual Channel Trip Amplifier

- Low power AC DC supply
- 2 sets of user changeover volt free contacts
- Real time display of the transmitter signal in mA
- User programmable ON/OFF points
- User programmable failsafe
- Low running costs
- Internal current limited power supply for transmitter
- No maintenance



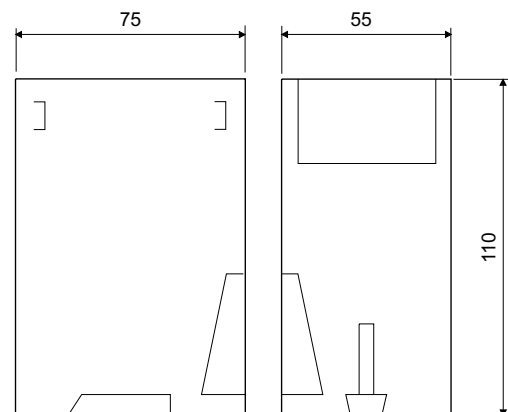
Principle of Operation

The Type 900 is a dual channel trip amplifier which accepts a signal from a vessel mounted sensor and operates individual relays anywhere over its input range. Applications include, pump and valve controls, or high and low alarms. The 4 digit display shows the real time signal input in milliamps. An internal current limited power supply for a transmitter is available.

Technical Specification Taken at 22°C. Subject to change

Voltage supply input:	10 to 28VDC , 110/230VAC -6% +10% 50/60
Current:	Max 45mA @ 24VDC 1W,97mA@ 12VDC 1.2W, exc TX loop current 230VAC 16mA 4W, 110VAC 32mA 3.5W.
Transmitter supply:	24VDC ±2V, current limited approx 25mA, reverse polarity protected
Signal Input:	0 to 21.5mA std unit
Input Impedance:	10 Ohms
Output:	2 X L.E.D relay 1 and relay 2, illuminated when energised
Relays:	2 X changeover relay volt free contacts.
Contact rating:	3A 240VAC/30VDC, resistive.
Max switching power:	720VA/90W
Max switching volts:	250VAC/125VDC
Mech endurance	1 X 10 ⁷
Elec endurance:	Min 50,000 @ 1A, 20,000 ops @ 3A, 100,000 @ 0.5A
Response time:	Approx 500mS
User interface:	4 x pushbutton and 4 digit LCD
LCD resolution:	0.01mA
Accuracy:	Better than 0.1% FS
Fail Safe:	Programmable for each relay failsafe high or low
Op temp:	-10 to +50°C DC model, -10 to 40°C AC model
Enclosure:	Polycarbonate
Mounting:	Snap fastener for DIN rail meeting DIN 46277 or screw fastenings
Protection:	IP20
Dimensions:	55W X 110D X 75H mm
Terminals:	Captive and self locking, accepts up to 4mm ² conductor.
Weight:	218g DC Model, 330g AC Model

Enclosure Dimensions



This product has been designed and complies to the relevant standards as listed in its certificate of conformity. The installer/user must ensure compliance. The crossed out bin symbol, placed on the product, reminds you of the need to dispose of the product correctly at the end of its life. Because of continuing development we reserve the right to change the specifications without notice.

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