

HOLROYD

BESPOKE SURFACE HEATING ELEMENTS

OVERVIEW:

For accurate process control and real time temperature feedback, Holroyd offer a digital thermostat in a compact enclosure that can be surface mounted or built inline on our wide range of products. The digital thermostat offers the advantages of direct display of the heater operating temperature with set point adjustability within the pre-programmed range and user adjustable parameters of hysteresis, offset and units (°C or °F). Additionally the thermostat features a timer mode that will switch the heating off after a programmed time period and the timer can be formatted to start immediately or once the heater has reached the set point temperature. For better control accuracy of the process temperature, the digital thermostat can be supplied with an external temperature probe for insertion into the process itself.

MAIN POINTS:

- Large Illuminated LCD Display
- Tough Thick Wall ABS Enclosure
- Fail Safe on Sensor Open Circuit
- IP62 Protection
- Large Membrane Keypad
- User Adjustable Hysteresis and Temperature Offset
- Cycle Timer with User Defined Delayed Start



QUALITY



RELIABILITY



CREATIVITY



SERVICE



COMMUNITY

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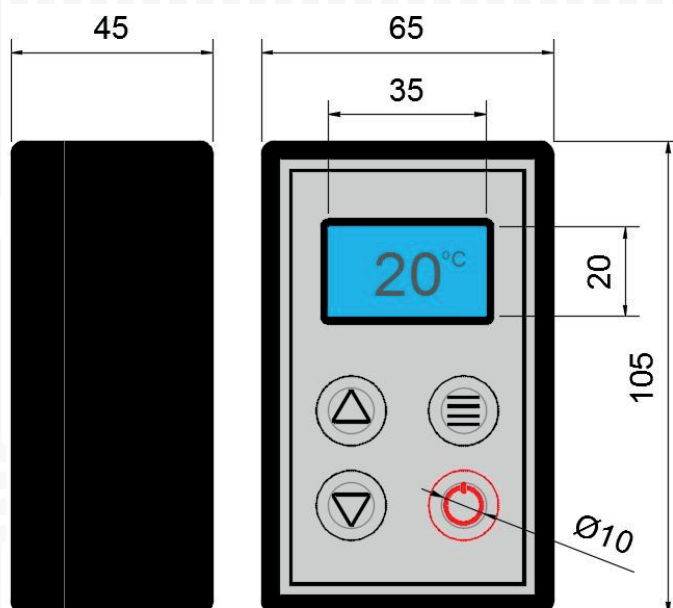
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OPERATION:

- User programmable temperature set point within factory pre-set range
- User programmable hysteresis
- User programmable delayed start and cycle timer
- User adjustable temperature offset
- Relay contact protection circuitry giving increased relay life

APPLICATIONS:

- Container heaters, surface mounted & in line
- Silicone heaters, surface mounted & in line
- Stand-alone controller



APPROVALS (INDEPENDENTLY TESTED):

- EN61326-1:2013 Class B / EN55011:2009, A1 / EN61000-3-2:2006, A1, A2 / EN61326-1:2013 / EN6100-4-2:2009 / EN61000-4-3:2006, A1, A2 / EN61000-4-4:2012 / EN61000-4-5:2014 / EN61000-4-6:2014 / EN61000-4-11:2004

	DIGITAL THERMOSTAT	ANALOGUE CONTROLLER	CAPILLARY THERMOSTAT
TEMPERATURE RANGE	Programmable 0 to 300	Fixed 0 to 200	Fixed 0 to 40 / 0 to 90 / 0 to 120 / 0 to 150
HYSTERESIS	Programmable 1 to 10°C	3°C	4°C +/- 2°C
CYCLE LIFETIME	>1,000,000 @ 16 Amps	100,000 @ 16 Amps	100,000 @ 16 Amps
INPUT VOLTAGE	90V to 230V AC	110V/230V AC models	110V to 230V AC
SENSOR TYPE	PT100	PT100	Capillary bulb
MAX AMPS	16 Amps	16 Amps	16 Amps
TEMPERATURE UNITS	°C and °F	°C	°C