

UNIVERSAL CONTROLLER

DRU 618

APPLICATION

Suitable for control of at fixed point of a temperature measured by a thermistor-type detector (NTC 10 k Ω or NTC 1 k Ω or PT 1k Ω) or of another variable (pressure, level, etc.) measured by a detector with 0 ... 10 V– or 4 ... 20 mA output signals.

C-Bus compatible.

Essential detectors: 1 thermistor type or voltage/current type.

Optional detectors: 1 setpoint adjuster.



Features

- Power supply: 230 V ~; Consumption: 5 VA; DIN 105 x 115 modular enclosure; Protection: IP 40.
- Digital programming by means of four operating keys and alphanumeric display.
- Control at fixed point:
 - Three-wire modulating control or On-Off control in sequence of 2, 3 or 4 stages.
 - Two On-Off controls in relation to two adjustable thresholds of output signal or of measurement range.
 - Adjustment of set point by means of remote control.
- One On-Off alarm input.
- Two configurable inputs : remote control for inversion of control action or On-Off alarms.
- Alarms for operational controller fault for short or open detector circuits.

Code	Description	Data Sheet
DRU 618	Universal controller.	D 410

SENSORS AND ACCESSORIES

Code	Description	Application range	Sensing element or signal	Data Sheet
SIH 010	Immersion temperature sensors	0 ... 99 °C	NTC 10 k Ω	N 140
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 k Ω	N 111
SUR 704	Relative humidity and temperature sensor	10 ... 99 %	0 ... 10 V–	N 221
SUT 714	Relative humidity and temperature sensor	10 ... 90 %	0 ... 10 V–	N 222
SAU 914	Relative humidity & temperature sensor	10 ... 90%	NTC 10 k Ω	N 227
SPR 103	Sonda di pressione per liquidi o aria	0...3 bar	–	N 411
SPR 106	Sonda di pressione per liquidi o aria	–	–	N 411
SPD 103	Sonda di pressione differenziale per liquidi o aria	–	–	N 421
SPD 106	Sonda di pressione differenziale per liquidi o aria	–	–	N 421
SDA 701	Differential pressure sensor for air	0 ... 1 mbar	0 ... 10 V–	N 430
SDA 703	Differential pressure sensor for air	0 ... 3 mbar	0 ... 10 V–	N 430
SDA 705	Differential pressure sensor for air	0 ... 5 mbar	0 ... 10 V–	N 430
SDA 730	Differential pressure sensor for air	0 ... 30 mbar	0 ... 10 V–	N 430
CDB 100	Set point adjuster with incorporate sensor	–5 ... +5 °C	NTC 10 k Ω	N 710