

DIFFERENTIAL CONTROLLER FOR TWO TEMPERATURES OR TWO 0...10 V DC SIGNALS

DDM 328

C ← BUS



APPLICATION

Suitable for (example):

- Control diffusers according to flow/room temperature differential.
- Control dampers according to outside/room humidity differential.
- Control pump according to flow/room temperature differential.

Communication with telemanagement systems via C-Bus parallel connection.

Essential sensors: two NTC 10 kΩ temperature detectors or two 0 ... 10 V– sensors

Features

- Power supply: 230 V~; Consumption: 3 VA; DIN 53 x 115 modular enclosure; Protection: IP 40.
- Digital programming by means of 4 operating keys and three-figure display.
- Modulating control (three-wire) or On-Off in two stages or On-Off for minimum and maximum limits.
- Progressive 0 ... 10 V– control.

Code	Description	Data Sheet
DDM 328	Differential controller for two temperatures or two 0...10 V DC signals.	–

SENSORS AND ACCESSORIES

Code	Description	Application range	Sensing element or signal	Data Sheet
SIH 010	Immersion temperature sensors	0 ... 99 °C	NTC 10 kΩ	N 140
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 kΩ	N 111
STA 010	Air duct temperature sensor	0 ... 99 °C	NTC 10 kΩ	N 150
SUR 704	Relative humidity sensor	10 ... 90 %	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% 0 ... 40 °C	0 ... 10 V– NTC 10 kΩ	N 227