

BUILDING AUTOMATION  
CONTROL TECHNOLOGY  
SENSOR TECHNOLOGY

alre



# INDUSTRIAL REGULATORS

Intelligent solutions  
for intelligent people

## Temperature



### Industrial room thermostats

- single- or multi-level
- exterior / interior setting
- dual thermostats
- adjustable switching difference



### Boiler and ventilation thermostats

- exterior / interior setting
- external reset
- safety temperature limiter
- dual thermostats



### Frost protection thermostats

- interior setting
- external reset
- single- or dual-level
- also suitable for water-side use



### Thermostats for installation in distributor

- adjustable switching difference
- 1 or 2 target value setting mechanisms
- External adjustment



### "Temperature" transducers

- 0 - 10 V or 4 - 20 mA
- various models, e.g. surface-mounted, duct, contact, exterior sensor



### Passive temperature sensors

- e.g. PT-100, PT-1000, Ni-1000, Ni-1000, TK 5000, LM 235 Z
- various models, e.g. surface-mounted, flush-mounted, sleeve, air, duct, contact, exterior sensor

and many more, such as switch cabinet, contact or duct thermostats, differential temperature regulators, displays and thermostats for front panel installation, electric multi-level regulators

## Humidity



### Duct hygrometers

- single- or dual-level (adjustable switching difference between the two levels)
- exterior / interior setting
- optional sensor protection against mechanical influences / fine dust



### Switch cabinet hygrometers

- external setting
- switching voltage 24 - 230 V~



### Surface-mounted hygrometers

- exterior / interior setting
- mech. range limitation



### Flush-mounted hygrometers

- external setting
- adaptable for virtually all surface switch ranges
- mech. range limitation



### "Humidity" duct transducers

- 0 - 10 V or 4 - 20 mA
- also available for humidity/temperature combined in one appliance



### "Humidity" room transducers

- 0 - 10 V or 4 - 20 mA
- also available for humidity/temperature combined in one appliance

and many more, such as "Humidity and temperature" transducer for outdoor use



## Flow



### Flow monitors

- for liquid media
- for pipe diameters between ½" and 8"
- also suitable for aggressive media
- TÜV-tested



### Flow monitors

- for liquid media
- for pipe diameters between 3/8" and 1"



### Wind vane relays

- monitor airflows in ducts



### Airflow monitors

- fixed / remote sensor
- with/without locking device
- adjustable turn-on/turn-off delay



### "Airflow" transducers

- output signal 0 - 10 V
- with mounting flange
- measuring range 0 - 20 m/s

## Pressure



### Differential pressure switches

- monitor over-, differential or underpressure
- interior / exterior setting
- various measuring ranges
- optional cover set for IP65
- with/without pre-assembled mounting bracket



### "Pressure" transducers

- measure pressure in gas or liquid media
- 0 - 10 V or 4 - 20 mA



### "Differential air pressure" transducers

- measure over-, differential or underpressure
- 0 - 10 V, 0 - 20 mA or 4 - 20 mA
- optional LC display



You can find further information  
in our current catalogue  
or on [www.alre.de](http://www.alre.de)





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