

BUILDING AUTOMATION
CONTROL TECHNOLOGY
SENSOR TECHNOLOGY

alre









INDUSTRIAL REGULATORS







Intelligent solutions
for intelligent people








Temperature

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|---|--|
|  | Industrial room thermostats <ul style="list-style-type: none">single- or multi-levelexterior / interior settingdual thermostatsadjustable switching difference |
|  | Boiler and ventilation thermostats <ul style="list-style-type: none">exterior / interior settingexternal resetsafety temperature limiterdual thermostats |
|  | Frost protection thermostats <ul style="list-style-type: none">interior settingexternal resetsingle- or dual-levelalso suitable for water-side use |
|  | Thermostats for installation in distributor <ul style="list-style-type: none">adjustable switching difference1 or 2 target value setting mechanismsexternal reset |
|  | “Temperature“ transducers <ul style="list-style-type: none">0 - 10 V or 4 - 20 mAvarious models, e.g. surface-mounted, duct, contact, exterior sensor |
|  | Passive temperature sensors <ul style="list-style-type: none">e.g. PT-100, PT-1000, Ni-1000, Ni-1000, TK 5000, LM 235 Zvarious models, e.g. surface-mounted, flush-mounted, sleeve, air, duct, contact, exterior sensor <p>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</p> |





Humidity

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|  | Duct hygrometers <ul style="list-style-type: none">single- or dual-level (adjustable switching difference between the two levels)exterior / interior settingoptional sensor protection against mechanical influences / fine dust |
|  | Switch cabinet hygrometers <ul style="list-style-type: none">external settingswitching voltage 24 - 230 V~ |
|  | Surface-mounted hygrometers <ul style="list-style-type: none">exterior / interior settingmech. range limitation |
|  | Flush-mounted hygrometers <ul style="list-style-type: none">external settingadaptable for virtually all surface switch rangesmech. range limitation |
|  | “Humidity“ duct transducers <ul style="list-style-type: none">0 - 10 V or 4 - 20 mAalso available for humidity/temperature combined in one appliance |
|  | “Humidity“ room transducers <ul style="list-style-type: none">0 - 10 V or 4 - 20 mAalso available for humidity/temperature combined in one appliance <p>and many more, such as “Humidity and temperature“ transducer for outdoor use</p> |

Flow

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|---|--|
|  | Flow monitors <ul style="list-style-type: none">for liquid mediafor pipe diameters between ½“ and 8“also suitable for aggressive mediaTÜV-tested |
|  | Flow monitors <ul style="list-style-type: none">for liquid mediafor pipe diameters between 3/8“ and 1“ |
|  | Wind vane relays <ul style="list-style-type: none">monitor airflows in ducts |
|  | Airflow monitors <ul style="list-style-type: none">fixed / remote sensorwith/without locking deviceadjustable turn-on/turn-off delay |
|  | “Airflow“ transducers <ul style="list-style-type: none">output signal 0 - 10 Vwith mounting flangemeasuring range 0 - 20 m/s |

Pressure

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|---|---|
|  | Differential pressure switches <ul style="list-style-type: none">monitor over-, differential or underpressureinterior / exterior settingvarious measuring rangesoptional cover set for IP65with/without pre-assembled mounting bracket |
|  | “Pressure“ transducers <ul style="list-style-type: none">measure pressure in gas or liquid media0 - 10 V or 4 - 20 mA |
|  | “Differential air pressure“ transducers <ul style="list-style-type: none">measure over-, differential or underpressure0 - 10 V, 0 - 20 mA or 4 - 20 mAoptional LC display |
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alre

ALRE-IT REGELTECHNIK GMBH
Richard-Tauber-Damm 10
12277 Berlin

Phone: +49(0)30 399 84 0
Fax: +49(0)30 391 70 05
Internet: www.alre.de
E-mail: mail@alre.de

