



HVAC & BUILDING
AUTOMATION

HVAC & BUILDING AUTOMATION

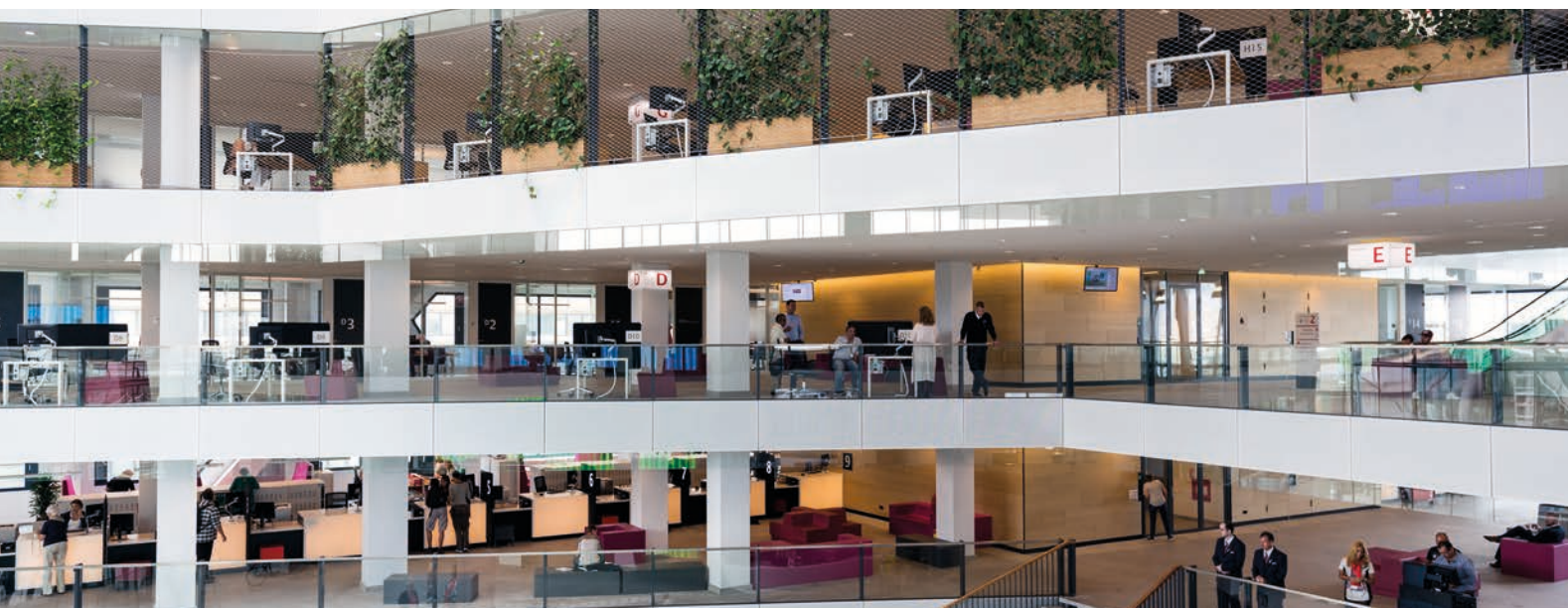
An efficient production depends on precise and efficient equipment. Newtronic knows that. We distribute a wide range of quality solutions for HVAC and Building Automation.

NEWTRONIC 



HVAC & BUILDING AUTOMATION

✈ MODBUS	3
✈ TEMPERATURE	4
✈ HUMIDITY	4
✈ PRESSURE	5
✈ LIGHT AND MOVEMENT SENSORS	5
✈ AIR QUALITY AND FLOW	6
✈ RADIO SENSORS	6
✈ TUBE HEATING ELEMENTS	7
✈ FAN HEATERS	7
✈ DEHUMIDIFIERS	8



CREATING SUCCESS TOGETHER

Newtronic is about people. It is vital that our employees believe in Newtronic and are happy to work here. It is equally important that our business partners are happy to do business with us. That goes for those who produce our products as well as for you, who are using our solutions. We ensure that through openness, honesty and dialogue.



Our focus is always **THE SOLUTION**. Often, we can find a good solution together with our business partners. But sometimes we can't supply the optimal solution. Therefore we have an open partnership with a range of businesses that are able to supply the solutions, that we can't.

We distribute electrical heating products and -solutions, sensors, controllers, heat sinks and thermally conductive materials. Our business is divided into four areas:



INDUSTRY



HVAC & BUILDING AUTOMATION



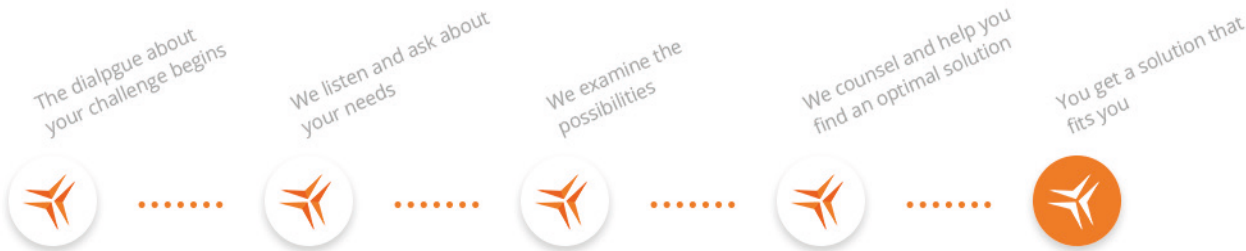
HEAT SINKS



AUTOMATION

SOLUTIONS

The group of sensors for energy optimization, CTS-systems, HVAC, BMS-systems etc. is very large. This is clear from these examples used in construction, process and industry automation: measuring environmental limits for CO2 and VOC, temperature, relative humidity, mixing ratio, and dew point. Pressure sensors and pressostates for measuring under and over pressure, differential and atmospheric pressure as well as light and movement sensors etc.



TEMPERATURE

ROOM TEMPERATURE



On-wall sensors for measuring room temperature. With sensors measuring the temperature in the air all around the panel.

DUCT SENSORS



Flexible cable temperature sensors / ducts sensors with passive output. The basis unit with flexible cable length is available in different variants.

PIPE SENSORS



Sensors for measuring surface and pipe temperature. Available with both integrated and separate sensor head.

MODBUS

HUMIDITY

TEMPERATURE & HUMIDITY



Sensors for measuring room temperature and humidity. To be mounted on the wall. Available with or without display.

ROOM AUTOMATION



Control unit for room automation. Configurable with multi-functional display and Modbus connection.

PRESSURE & DIFFERENTIAL SENSORS



Sensors for pressure and differential. Available in different types, e.g. pipe sensor incl. flange and Modbus connection.

INDOOR SENSORS



On-wall sensors with or without display. It is possible to combine with a temperature sensor in one unit.

OUTDOOR SENSORS



Sensors for measuring humidity in IP65 house for outdoor installation. It is possible to combine with a temperature sensor in one unit with or without display.

DUCT SENSORS



Duct sensors for measuring temperature and humidity. Incl. installations flange, calibratable with multi-range switching and active/passive output.

PRESSURE

ATMOSPHERIC PRESSURE



Sensors for measuring atmospheric pressure in clean air areas without aggressive or condensing gasses. With or without display.

DIFFERENTIAL PRESSURE



Transducers for measuring pressure and differential pressure. Some variants are also able to measure volume flow. Compact, adjustable with multi-range switch and active output.

SWITCHES



Differential pressure switches for air. With mounting angle incl. connection set.

DUCT SENSORS



Multi-functional duct sensors for measuring CO2 content and air quality (VOC).

WALL MOUNTED SENSORS



Maintenance free sensors for measuring CO2 content and air quality (VOC) with calibratable active and switching output.

FLOW SWITCH



Used for monitoring gaseous, non-aggressive connections in ventilation systems, air intakes etc. Also applicable as flow control or air flow monitor.

LIGHT AND MOVEMENT SENSORS

OUTDOOR SENSORS



Light and movement sensors for outdoor use. Light sensors with 6 switching measuring distances. Movement sensors with a 360° perimeter and up to 10m measuring range.

INDOOR SENSORS



Sensors for ceiling or wall mounting. For indoor use. Applicable for e.g. regulating light or for activating or deactivating sun screens.



INDOOR - SOLAR CELLS



Multi-functional room sensors and control units with solar cells for measuring temperature, humidity, air quality (VOC) and movement.

RADIO RECEIVERS



For in-wall or on-wall. Used for controlling electrical consumers. Possibility of e.g. 10 min. switch-off delay and repeating function that can easily be activated or deactivated.

OUTDOOR - SOLAR CELLS



Multi-functional and maintenance free outdoor sensor with radio transmitter. Measures temperature, humidity and light.

TUBE HEATING ELEMENTS

DEHUMIDIFIERS

ELECTRICAL HEATERS



Circular and rectangular heaters for heating ventilation and pipe systems. Rectangular heaters are also available as ATEX approved elements.

WATER COOLING & HEATING



Using either cold or hot water these heaters cool or heat the air in ventilation and pipe systems. Available as both standard and custom solutions.

STEAM COOLING & HEATING



Using either cold or hot steam these heaters cool or heat the air in ventilation and pipe systems. Available as both standard and custom solutions.

DEHUMIDIFIERS



Dehumidifiers in various sizes for e.g. basements and warehouses. Also used for moist damages.

SAVE THE ENERGY

By using the right dehumidifier you can cut down on your energy consumption compared to heating and airing out.

With a LAF dehumidifier from VEAB, 700 W of heat are recovered for every liter of water evaporated.

FAN HEATERS

ELECTRICAL



Wide selection of both wall mounted and portable fan heaters for either permanent or temporary heating.

HOT WATER



Different types of fan heaters for water for permanent heating of e.g. warehouses, entrances, sports halls and shops. Also available in variants for demanding environments such as the chemical industry and offshore.

COOLING / HEATING FANS



For heating or cooling of e.g. sports halls, warehouses and industry areas. For outdoor mounting.





HVAC & BUILDING AUTOMATION





INDUSTRY

HVAC & BUILDING
AUTOMATION

HEAT SINKS



AUTOMATION

Newtronic counsel, design and distribute solutions within electrical heating, sensors, controllers, heat sinks and thermally conductive material. The challenges are often complex, but we aim to make the process as uncomplicated as possible. We believe in a close dialogue with our business partners.

Because we know,
that a good solutions fits you.

www.newtronic.eu
www.newtronic-online.dk

NEWTRONIC 

Ove Jensens Alle 35 F
DK-8700 Horsens
Denmark
www.newtronic.dk
+45 7669 7090

