



INDUSTRY

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An efficient production depends on precise and efficient equipment. Newtronic knows that. We distribute a wide range of quality solutions within sensors and electrical heating for the industry.

NEWTRONIC 



INDUSTRY

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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.

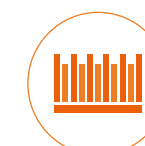
We distribute electrical heating products and -solutions, sensors, controllers, heat sinks and thermally conductive materials. Our business is divided into four areas:



INDUSTRY



HVAC & BUILDING
AUTOMATION



HEAT SINKS

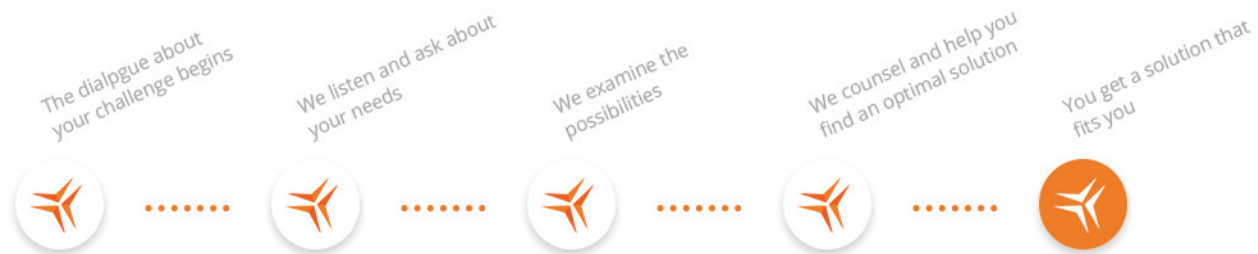


AUTOMATION

SOLUTIONS

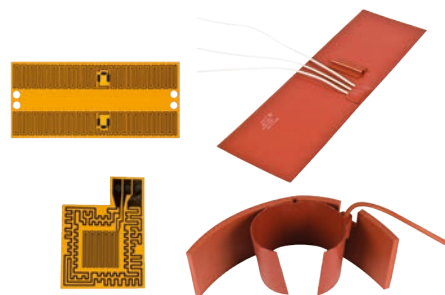
Efficient productions and machines depend on equipment that functions optimally and that is often adapted to place and production conditions. At Newtronic we know that.

We have a strong partnership with a range of experienced manufactures of sensors and electrical heating solutions for the industry. In cooperation with them and in close dialogue with you, we can deliver a solution that fits your needs.



FLEXIBLE HEATING ELEMENTS

FLEXIBLE HEATING MATS



Silicone mats produced according to the specific application and tailor-made to the project. The heating mats are very flexible and are used for e.g. surface heating, frost protection, windmills, drums etc.

Also available in foil, kapton, aluminum and mica – depending on the project.

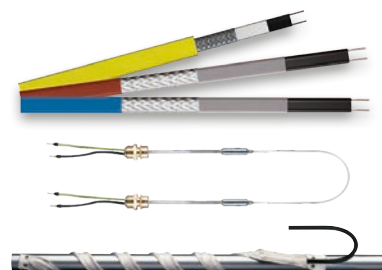
HEATING HOSES



The ideal solution for applications where liquid media need to be flexibly transported without temperature loss. E.g. suitable for glue, chocolate, oil, fat, wax etc.

Heating hoses are also used for analytical measuring of gas-like substances, e.g. in refineries, garbage incinerators, motor exhaust, CO₂, industrial gasses etc.

HEATING CABLES



Used for many different applications e.g. frost protection for pipes, containers, gutters etc., maintaining temperature, process heating etc.

We offer a complete program of self-regulating, parallel, industrial and high temperature heating cables.

TUBE HEATING ELEMENTS

HEAT EXCHANGERS



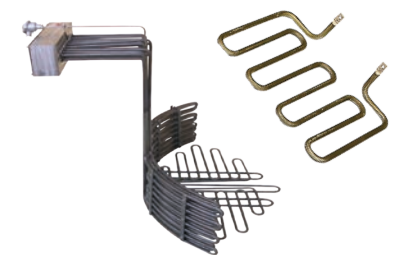
For heating of all kinds of fluids, e.g. water, oil, different types of gas, steam, nitrogen, hydrogen and aggressive fluids.

ELECTRIC BOILERS



For direct heating of fluids like water, oil and aggressive fluids.
Available in different materials e.g. nickel-plated copper, brass, stainless steel, incoloy etc.

TUBE HEATING ELEMENTS



Produced according to customer specifications and adapted to the specific project.

Used for e.g. air, contact and fluid heating.

5 THINGS TO CONSIDER BEFORE CHOOSING YOUR HEATING CABLE:

- 1 Know your needs. Are you heating, keeping a temperature or frost protecting?
- 2 Find out if there is anything that deflects the heat from the cable. E.g. pipe bearings (that directly deflect), pumps or engines (that need extra heating)
- 3 Is it an ATEX area or "Safe Area"?
- 4 Take care of the practical details: insulation on the spot, aluminum tape, number of mounting kits, mounting boxes, fuse dimensioning
- 5 Distance to the supply point.

FLANGE HEATERS



Used for heating up fluids, gasses and air for the industrial sector.

Produced according to customer specifications in different sizes and effects. We also have a large standard program.

HEATERS



Used for climate / heat recycling and ventilation installations as well as heating and drying processes.



SENSORS

DUCTS SENSORS



Available in many different variations with or without head and cable.

Use for measuring of tools, industrial projects, air, ovens etc.

BAYONET SENSORS



Used for measuring of tools, for the plastic industry etc. The sensor is mounted with a duct snippet that has an adjustable duct length and that fits the bayonet.

MANTEL SENSORS



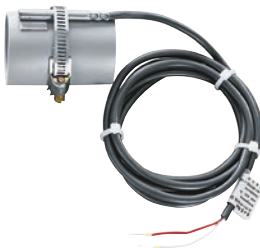
Flexible temperature sensors that you can bend and shape. Used for hard-to-reach measuring sites like machines, engines, containers, chemistry plants, electronics etc.

TEMPERATURE SENSORS

Temperature sensors are not one thing. The application area is enormous and covers almost all businesses and needs. From windmill industry to food industry.

For control and regulation of e.g. -200° C nitrogen to liquid metals reaching +1000° C.

SURFACE SENSORS



Used for measuring temperatures on various surfaces, pipes, tools etc. We offer a broad range of solutions.

CABLE TEMPERATURE SENSORS



Available in innumerable dimensions and makings. With custom cable length. Most used types are PT100, PT1000 as well as type J and K

DRUM HEATING CABINETS



Used for heating drums, IBC-containers and other media where a reliable and economical tempering is needed, using circling hot air.

Extensive standard program from 1 to 12 chambers as well as custom made heating ovens that are designed and produced according to individual requests and needs.

DRUM HEATERS



Used for frost protection, temperature maintenance, heating and melting of different media in drums, containers, IBS-tanks etc.

Extensive program from simple silicone heating belts to large tailor-made heating mat-solutions divided in different heating zones etc.

ELECTRICAL HEATING

Technical electrical heating is a specialist area. The wrong choice can have disastrous consequences.

Lifetime, energy consumption, temperature areas, safety, installation, load, and heating speed are just some of the parameters you need to consider.



DRUM HEATING

DEHUMIDIFIERS AND HEATERS FOR LIQUIDS

DEHUMIDIFIERS



Dehumidifiers are used for heating small rooms as well as avoiding dampness, condensation and frost in electrical installations, boards and control cabinets which can lead to destruction of electrical components in these units.

Installation in the bottom part of the unit increases efficiency.

HEATERS FOR LIQUIDS



Extensive range of heaters for liquids for direct heating of all types of fluids e.g. water, chemicals, aggressive fluids ect. To achieve maximum lifetime, it is important to choose the optimal casing depending on the chemicals in question.

**A GOOD
SOLUTION
FITS YOU**

ATEX EXPLOSIVE AREAS

ATEX is an international norm that formulates high standards for components used in explosion hazard areas. NEWTRONIC is experienced within the whole field. From electro-technical heating solutions to solid and liquid media and gas within potential explosion hazard areas. This includes off-shore, chemical, petrochemical and pharmaceutical industries and the treatment of raw oil and natural gas.

All solutions in this catalogue are also available in ATEX certified versions.



ADDITIONAL INDUSTRY

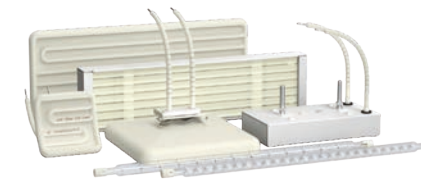
HEATING CARTRIDGES



Used for heating media that require a considerably high effect and where physical conditions are limited. Applicable for e.g. incorporation into tools, nozzles, welding jaws, plastic machines, packaging machines, medical equipment etc.

Extensive standard program as well as tailor made solutions.

INFRARED HEAT TILES



Used for various industrial processes e.g. thermo molding, hardening and drying processes in the food industry, packaging etc.

Extensive range including ceramic, quartz, quartz tungsten and quartz halogen, heating elements, complete systems etc.

NOZZLE HEAT TAPE



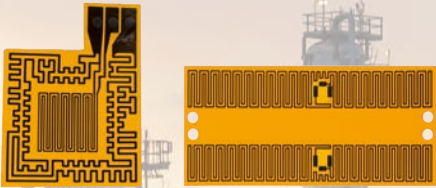
Applicable for e.g. injection molding machines, extrusion, blowers etc.

With a stainless-steel coating you get a good protection against corrosion from leaking materials like e.g. PVC.





INDUSTRY



OUR AUTOMATION SOLUTIONS INCLUDE:

- Controllers
- Power controllers
- Miniloop controllers
- Recorders
- Software
- Sensors



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.

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