



Switchgear and control gear

Switching Signalling Controlling Connecting

BARTEC offers a wide range of products with many individual solution options to meet the increasing demand for complex control and automation functions directly in hazardous areas.

Constructors of machines and instruments and original equipment manufacturers in the fields of chemicals, pharmaceuticals and petrochemicals rely on BARTEC's explosion-proof solutions.



Modules for panel-mounting

As completely certified equipment, all modules with their power supply cables can be used directly in the hazardous area, for example on machines and in control cabinets.

The modules are certified for zone 1 in the European ATEX area, for Class 1, Div. 2 and Class 1, zone 1 in conformance to UL for the American market and are also certified for the Russian market.

- simple installation
- high IP protection class in combination with BARTEC actuating elements



Individual Enclosure for Small Control, Regulating and Display Devices

BARTEC offers explosion-proof encapsulated enclosures for using electric components in Ex areas. Within the scope of the EC Type Examination Certificate, these accommodate devices such as small-type motors, printed circuit boards and cameras and as a complete device they have ATEX marking.

- modular construction of the enclosure
- ATEX marking for the complete device

BARTEC

Your partner for Control- and Connection equipment

The specialists from BARTEC have many years of experience in control and connection equipment. They create solutions you can rely on: economical, dependable and future-proof.



ComEx

BARTEC supplies the ComEx range of command and signalling devices for controlling motors, pumps and machinery and displaying states in hazardous areas.

BARTEC offers ComEx enclosures in three different sizes, polyamide or stainless steel. The polyester enclosures can be combined with each other.

The ComEx range is certified in conformance to ATEX and UL and has been awarded many international approvals.

- international approval
- high level of flexibility
- modular design



Local control stations

For many years and all over the world, local control stations have proved effective in controlling machinery and plants both directly on site and also as remote I/O.

BARTEC offers a comprehensive range to control complex processes in explosive areas: command and signalling devices, MODEX bus modules and panel PCS for visualization.

The local control stations are optionally available in aluminium, polyester or stainless steel enclosures to suit the different operating ranges. BARTEC's local control stations are certified to ATEX for zones 1 and 21 and have been awarded a lot of international approvals, including for the Russian, Korean and Chinese markets.

- International approvals
- individual wiring
- customised solutions

Flameproof solutions

BARTEC offers units in various versions.

The choice ranges from controlling and regulating devices for mounting speed transmitters, circuits or cameras to large control units for mounting complex machine controls.

There is also an extensive range of enclosures, extending from enclosures for the gas subgroup IIB to enclosures for IIC. All controls are certified for ATEX area zone 1.

- complete system solutions
- individually wiring
- customised solutions



Pressurised solutions

BARTEC also offers pressurised systems for the installation of standard industrial components, such as frequency converters, printers or programmable logic controls in the hazardous area.

Innovative and economical solutions are provided by Ex p components and systems, such as APEX control units for zone 1, the Silas controller for zone 2 and zone 22 and completely certified Ex p cabinets.

- complete system solutions
- modular design
- customised solutions

BARTEC protects
people and
the environment
by the safety

of components,
systems
and plants.

