

## MODEX – Modular Explosion protection

Busmodule, Switch, Coupler & electrical Components

Now available for:



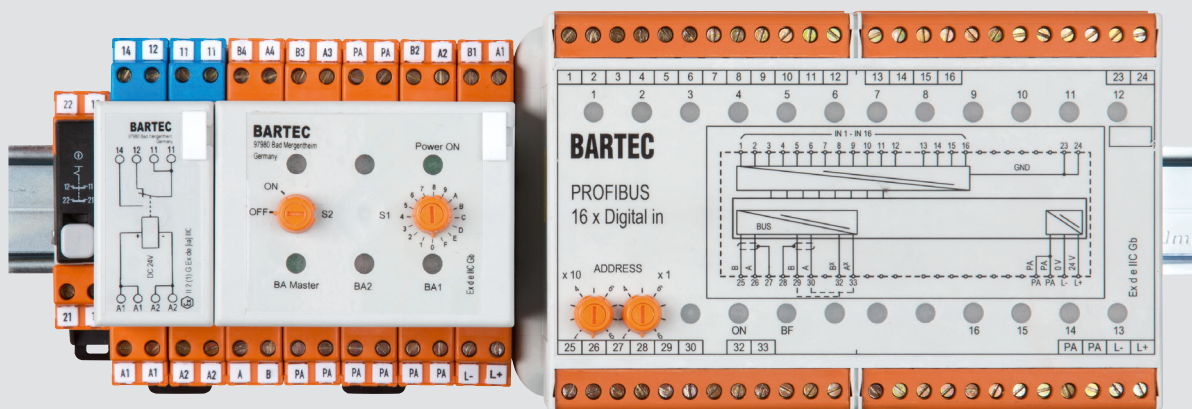
MODBUS TCP



# MODEX –

modular, flexible and safe -  
the solution for hazardous  
areas in Zone 1/21

Zone 1/21



## Innovative and practical MODEX as a single solution or in combination

- Netzwerk Switch (Unmanaged)
- Fiber Coupler for the infrastructure, (network and Profibus)
- Relay for switching power
- IP 30 switching terminal (disconnection of Ex e circuits)

## Modex Busmodule All in one module: Bus interface and inputs/outputs

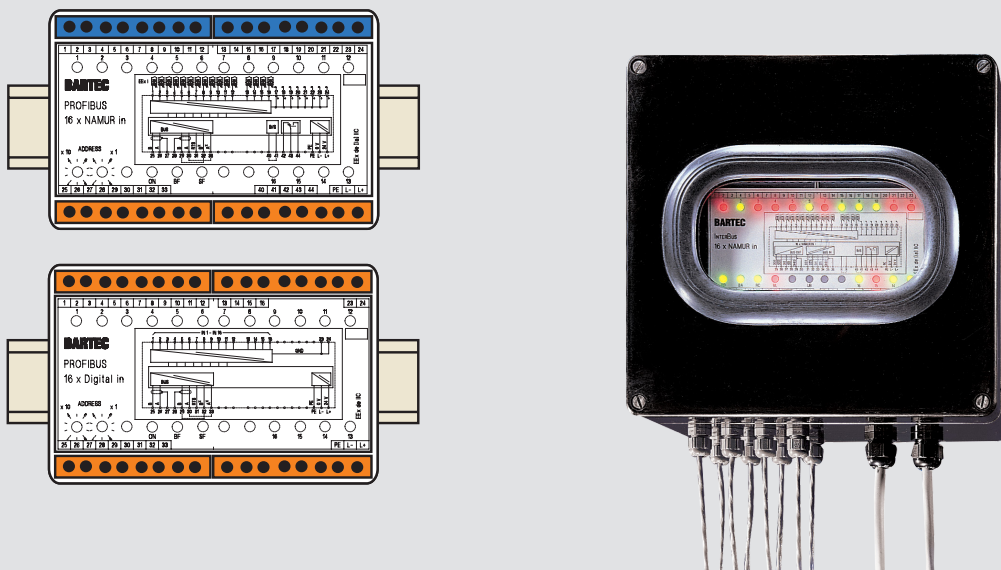
- Bus protocols: PROFIBUS DP, PROFINET, Modbus TCP
- MODEX I/O : Digital, Analogue, RTD
- Integrated Ethernet Switch

## Plant engineering today

**Digital transformation is the new challenge in the plant engineering.**

Infrastructure and simple, modular extensions to existing (remote I/O) systems are becoming increasingly important, even in explosive areas.

With the compact design of MODEX (bus interface and I/O in one module), signals can be easily integrated into the existing control system or used as a data collector for edge-to-cloud applications.



**Combination is the key word**  
**You have measuring and control circuits with different types of protection?**

- Flexibility, functionality and high security
- Ex i intrinsically safe measuring circuits
- Ex e supplying consumers with high power

**MODEX Local Control station**  
**for installation different**  
**MODEX-components**

- International certifications
- Customized planning and design
- Variants in Stainless steel, polyester and aluminum for various environmental requirements

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