



TURCK

**PROCESS
AUTOMATION**

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AUTOMATION
SOLUTIONS**



Sense it! Connect it! Bus it! Solve it!

COLLECT PRECISELY

Linear displacement sensors WIM Q25

- Contactless measuring system
- Range up to 200 mm
- ATEX approval for zones 1 and 21



Dual sensors

- Position feedback of fittings
- Optimum connection possibilities thanks to the compact design and comprehensive range of accessories
- Easily mounted on all standard rotary actuators

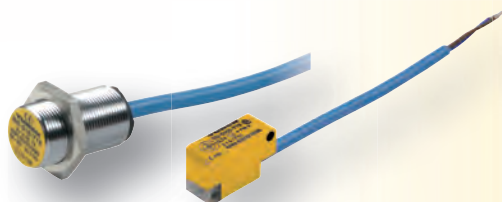
Flow sensors

- Measurement and monitoring of flow rates
- Different compact designs
- Many different process connections



Pressure and temperature sensors

- For installation on-site or in the cabinet
- Many different process connections
- Parametrizable via standard interfaces



NAMUR sensors

- Available in many different designs, sizes and housing materials
- Inductive, capacitive and magnetic field sensors
- Ex approvals and SIL certification

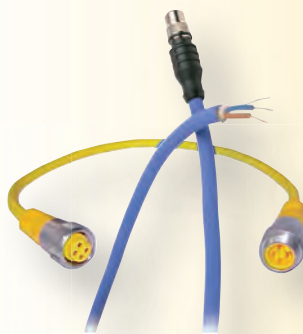


Sense it!

CONNECT RELIABLY

Cables and connectors

- Different types and designs
- Ready-made or customizable
- Different cable qualities for all types of applications



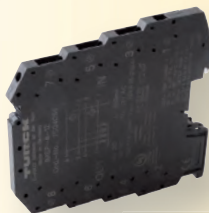
FOUNDATION™ fieldbus/PROFIBUS-PA

- Multibarriers, junction boxes in IP67 and IP20, ready-made cables and many more
- Rugged and space-saving designs for harsh environments
- For FISCO applications



Interface devices

- For separation, supply, conversion and protection tasks
- Available in modular housing for DIN rail mounting, as backplane solution or as cartridge in IP67 housing
- Many different input and output signals

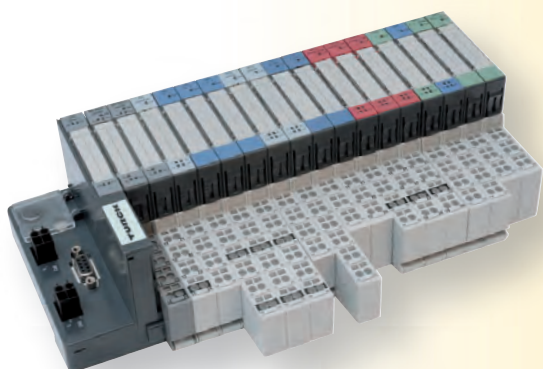
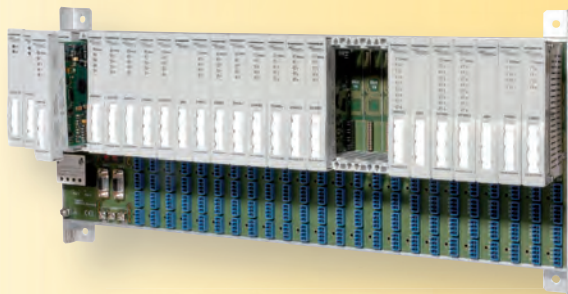


Connect it!

COMMUNICATE EFFECTIVELY

Remote I/O *excom*® for zones 1, 2 and non-Ex-areas

- High system availability through redundant communication and power supply
- Integration in conventional control systems
- FDT technology for easy operation



Remote I/O BL20

- HART and NAMUR signals, connection to different fieldbus types
- ATEX approval for zone 2
- Redundant power supply (optional)

Diagnostic Power Conditioner system DPC

- FOUNDATION™ fieldbus power supply for simple and redundant applications
- Excellent efficiency and high output power (28 V at 800 mA)
- Commissioning support and long-term diagnostics via FF-HSE, DTM and web interface



Bus it!

AUTOMATE EFFICIENTLY

TURCK

**PROCESS
AUTOMATION**

RFID-System *BL ident*®

- Compact IP67 solution for different fieldbus types
- HF/UHF mixed operation possible, UHF read/write heads acc. to ISO 18000 6C
- Application-optimized data carriers and read/write heads for Ex- and dust-Ex-areas



Visual PLC solution VT

- PLC, HMI and fieldbus master
- CoDeSys programming, QVis visualization
- PROFIBUS-DP master, Modbus RTU master/slave



Wireless system DX

- Flexible network modules for radio transmission of sensor signals
- Point-to-Point connection, star topology, multi-hop repeater network
- ATEX approval for zones 0 and 20



Solve it!

YOUR AUTOMATION PARTNER

The company

TURCK is one of the leading manufacturers in industrial automation. With more than 3.000 employees in 27 countries as well as sales partners in further 60 states, we are always close to you.



As a specialist in sensor, fieldbus, connection and interface technology and also human-machine interfaces (HMI) and RFID, we offer efficient solutions for factory and process automation. With our state-of-the-art production facilities in Germany, Switzerland, the USA, Mexico and China we, as a family-owned company, are able to react quickly and flexibly to the demands of local markets.



OUR SOLUTIONS

The product portfolio

Whether applied in the chemical or pharmaceutical industry, in the sectors oil & gas, food and beverage, automotive, transport and handling or in machine and plant construction, TURCK automation solutions and products increase the availability and efficiency of your systems. But this is not all! Through efficient standardization you also lower your costs for purchase, storage, installation and operational safety. We provide you with optimal solutions for your automation lines. This is possible thanks to the industry-specific knowledge we have acquired in close co-operation with our customers and through electronics development and production on the highest level.



Our service

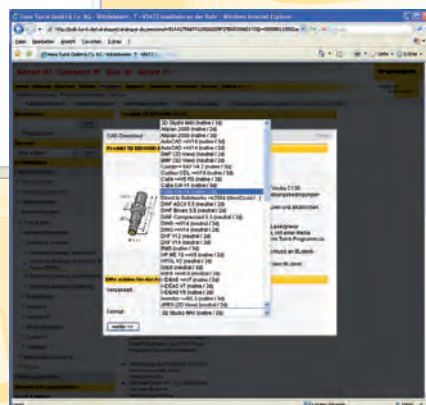
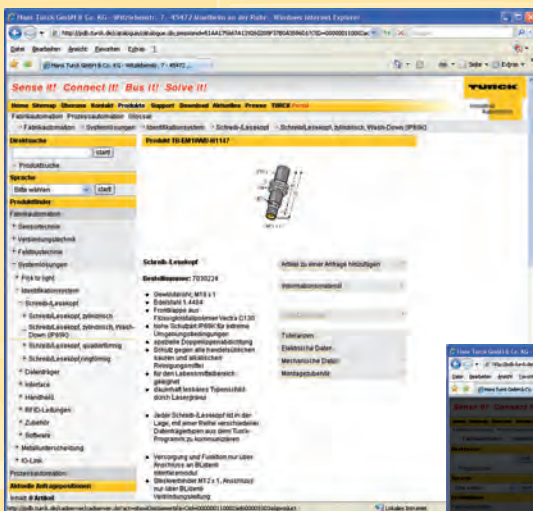
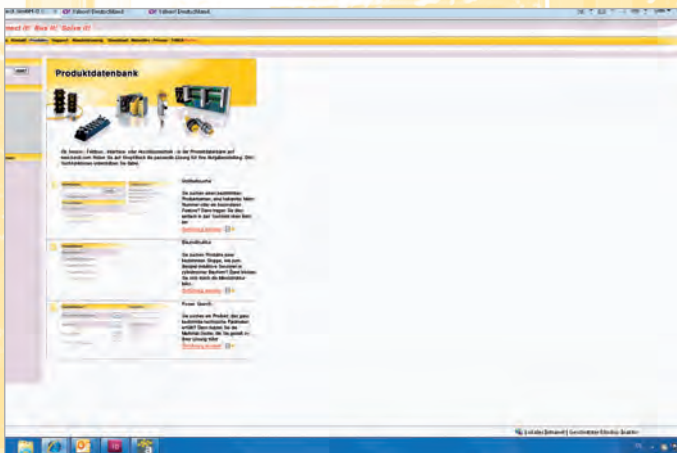
With nearly 50 years of experience and extensive know-how, we support you in each phase of the project, from a first analysis up to tailor-made solutions and commissioning of your application. Our priority is, to continuously enhance the efficiency and productivity of your production processes and machines. The excellent quality of our products combined with the support of our qualified staff and our fast delivery service guarantees you high system availability.



The product data base

Whether software tools for programming, configuration or commissioning support, data sheets or CAD data available in 80 export formats, on our website www.turck.com you find products and solutions quickly, seven days a week, at any place worldwide and in nine different languages. You have access to nearly all products and solutions – clearly

structured, completely documented and free for download. Explore our product data base on: www.turck.de/produkte



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