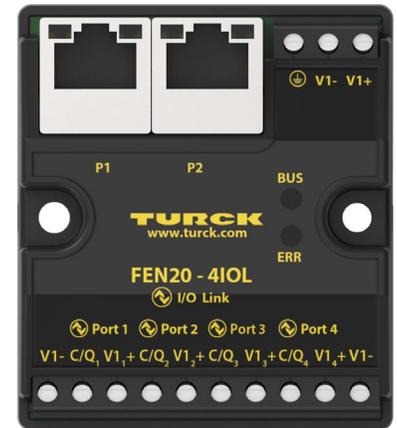


Product Announcement



Turck Introduces Compact FEN20 Industrial Ethernet I/O Module with IO-Link

Turck's IO-Link portfolio has again expanded with the addition of the FEN20-4IOL that offers 4 IO-Link channels. In addition to the device functioning as an IO-Link master, each of the IO-Link (C/Q) pins can optionally be configured as digital input or output.

Benefits of an IO-Link variant include more streamlined configuration, device monitoring, and simpler device replacement. The compact FEN20 with IO-Link is ideal for a wide range of industries, including manufacturing where space is at a premium, on robot end-effectors where small I/O is needed and in automotive manufacturing and Tier 1 plants.

The FEN20-4IOL is also a Field Logic Controller (FLC). As an FLC, the modules can carry out control tasks at the field level itself. This enables users to implement simpler applications without the need for an additional PLC. In more complex applications, the FLC function provides the processing requirement on the parent control system. Configuration and programming are carried out via the ARGEE web-based engineering system.

Thanks to the multiprotocol plug-and-play functionality, the FEN20 devices are immediately ready for use in PROFINET®, Modbus® TCP or EtherNet/IP™ systems. The device detects the protocol used by listening to the communication traffic during the startup phase. The FEN20 device measures just 55x62.5x30 mm, and fits in small control boxes, control panels or other existing housings.

The FEN20-4IOL is equipped with an integrated Ethernet Switch and a built-in web server to display diagnostic information, and provide access to device configuration parameters. The web page was created to offer a responsive design so that even a smartphone can be used for simple diagnostics.

Key Features

- 4 IO-Link master ports
- Works with PROFINET®, Modbus TCP® and EtherNet/IP™
- Integrated Ethernet switch
- C/Q can be configured as digital inputs/outputs
- IP20 rated

Benefits

- More streamlined configuration
- Device monitoring
- Simpler device replacement
- Ideal for monitoring a wide range of industries

Additional Resources

- [Data Sheet](#)
- [CAD File](#)