Ethernet IO Modules

- **Multi-protocol capable—one single module supports PROFINET, EtherNet/IP, and EtherCAT**

- **Innovative connection technology—L-coded M12 connector with higher current rating of up 16 A, providing a 70 % performance increase**

- **Integrated logic function to locally monitor/control data and lighten data input and output load on PLC**

FEATURES & BENEFITS   TECHNICAL DATA   APPLICATIONS
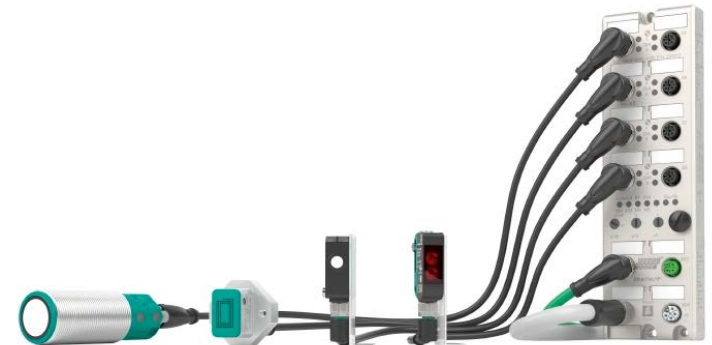
Ethernet IO Modules

Technical Data		
Inputs	16 digital inputs	(ICE1-16DI-G60L-V1D)
Inputs/Outputs	8 digital inputs/ 8 digital outputs	(ICE1-8DI8DO-G60L-V1D) (ICE1-8DI8DO-G60L-C1-V1D)
	16 configurable digital inputs/outputs	(ICE1-16DIO-G60L-V1D) (ICE1-16DIO-G60L-C1-V1D)
Housing material	Metal, encapsulated	
Current	16 A	
Operating voltage	24 VDC	
Operating temperature	-20 °C ... +70 °C	
Vibration/shock resistance	15 g / 50 g	
IP Protection class	IP65 / IP67 In combination with the M12 L-coded power connector, IP69 is possible	
Connection	M12 Power connector, L-coded M12 Ethernet, D-coded M12 I/O Port, A-coded	
Dimensions	200 mm x 59.6 mm x 30.7 mm	

FEATURES & BENEFITS   TECHNICAL DATA   APPLICATIONS

Ethernet IO Modules

Target markets

- **Machine and plant engineering**
- **Material handling**
- **Automotive industry**
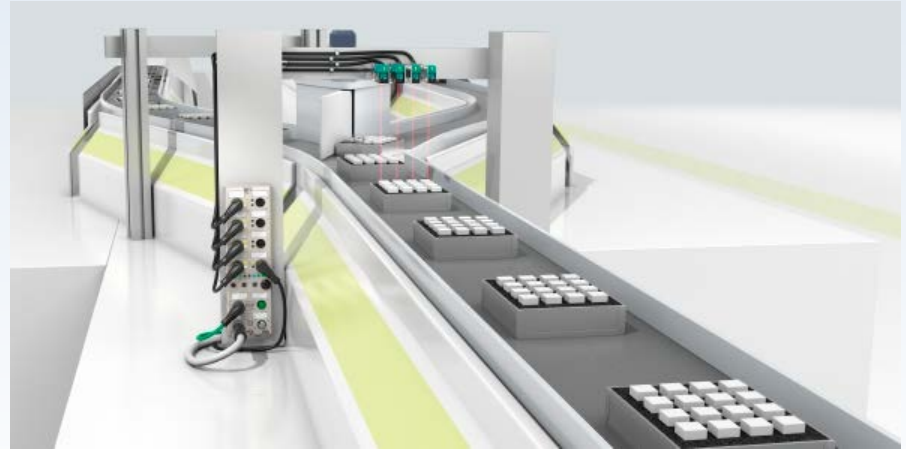
Applications

- **Decentralized collection of signals, connection to an overarching bus system, and processing in the PLC**
- **Decentralized control of outputs via the PLC using fieldbus communication**
- **Pre-processing of partly decentralized applications with distributed logic for relieving the control panel**