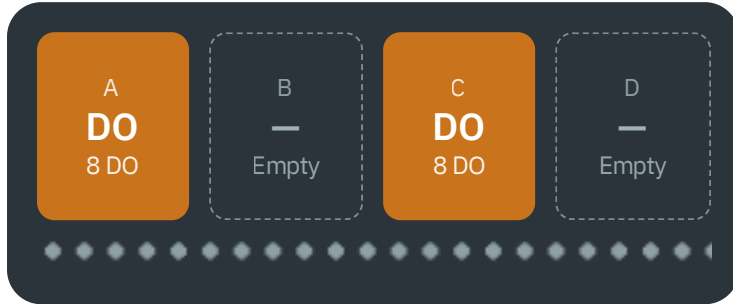


ION8-2020

Remote I/O unit with 16 digital outputs

Model Sheet · October 2026

I/O layout



Slot layout (schematic view)

16 DO

DO: Digital output

Model code **ION8-2020**
Total channels **16**
Signal terminals **16**

Key capabilities

- **16 DO** = 2 × 8-channel digital output module
- Per module: 4 PWM channels with adjustable frequency and duty cycle
- Per module: Pulse/direction output
- Per module: The PWM channels are part of the module's 8 outputs; they are not additional outputs.
- Bluetooth LE 5; adaptive channel selection and adaptive transmit power
- Built-in web interface for monitoring, configuration and commissioning

Typical use in wire & cable

- Generating digital control signals at a remote point of the machine
- PWM frequency and duty reference; pulse/direction for step drives
- Carrying PLC outputs wirelessly to a remote point

Connecting to a PLC

Mirroring

Outputs follow the inputs of the paired ION8; no PLC needed.

PLC through ION8 EB

8 remote stations on one ION8 EB. Siemens S7 PUT/GET, Modbus TCP, EtherNet/IP, OPC UA; RS485 Modbus RTU master / slave.

ETH2BLE

An existing Ethernet and RS485 line is carried between two ION8 EB units through a wireless tunnel.

Contact

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Electronics for Wire & Cable Industry