Quick Connect Interface Device

The QX-1 interface device distributes power, communications, and I/O, and simplifies installation of QX Platform products.

Featuring the Quick Connect system, this device includes four M12 Ultra-Lock™ connectors which provide quick and easy network setup and deployment, as well as flexible mounting options. With Quick Connect technology and IP65 industrial sealing, the QX-1 is a powerful accessory to complement the QX Platform.

PIN ASSIGNMENTS
Connectors 1 and 3 are 12-pin plugs, and Connector 2 is a 12-pin socket. All three connectors can be assigned to bus power and data. The connectors on the QX-1 interface device physically mirror those on the QX products, but they do not have explicit pin assignments. The QX-1 connectors take on the communications and power roles that are assigned to them.

Note: Detailed connector pinout information is available in QX Product User’s Manuals.

QX-1: At a Glance
- M12 Ultra-Lock Connectors
- Switches for Power and Trigger
- LED Power Indicators
- IP65 Enclosure
- DIN Rail Mounting Option

MECHANICAL
Depth: 3.15” (80 mm)
Width: 3.15” (80 mm)
Height: 0.75” (19.1 mm)
Weight: 7-oz. (200 g)

QX-1 WIRING DIAGRAM

CONNECTOR T
M12 4-pin socket
Pin Assignment
1  +10–28V
2  Trig/NM/Input 1/Common
3  Ground
4  Trigger

COMM-I/O
POWER
TRIGGER