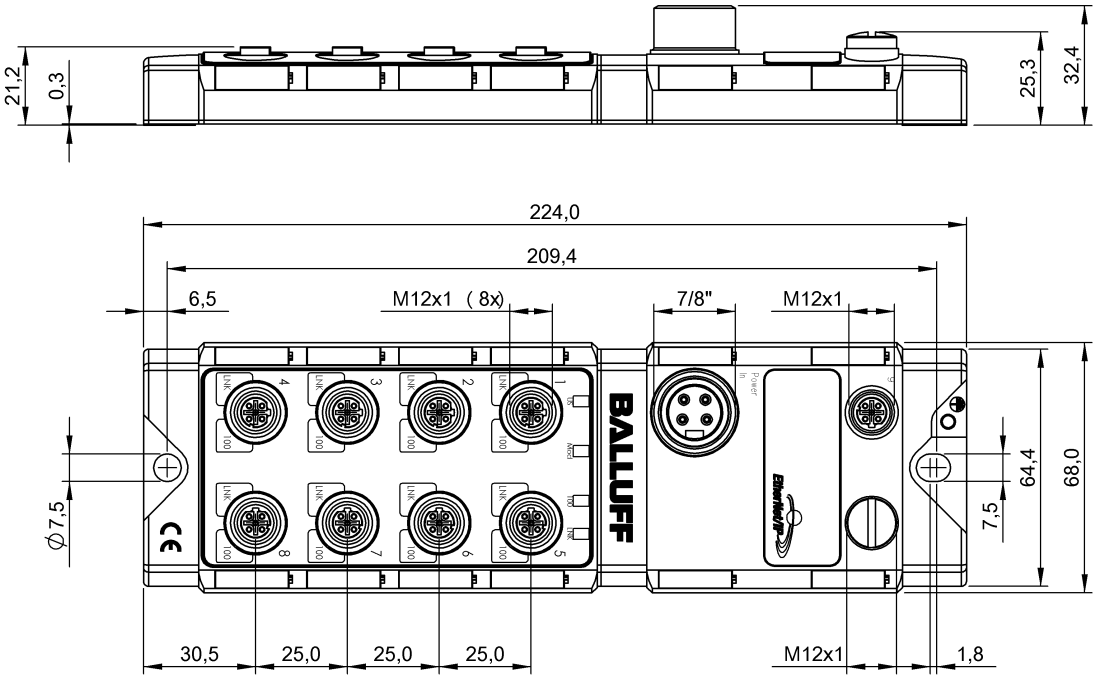
Network Switches

BNI EIP-950-000-Z009
Order Code: BNI000F



Basic features

Approval/Conformity	CE UKCA ODVA cULus WEEE
Scope of delivery	Part label (20x) Port cover M12 (4x) Grounding strap Lock washer Short guide M4x6 screw
Style	Two-row

Display/Operation

Active transmission indicator	LED green
Data rate indicator	LED yellow
Module supply indicator	LED green
Sensor supply US indicator	yes
Switching function display	yes

Electrical connection

Cable type (IEE 802.3)	Shielded twisted pair: min. STP CAT5/STP CAT5e
Connection (COM 1)	UPLINK: M12x1-Female, 4-pin, D-coded
Connection slots	8x M12x1-Female, 4-pin, D-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Configurable inputs/outputs	no
Current sum US, sensor	9.0 A
Flow control	Half Duplex/Full Duplex (IEEE 802.33x-Pause)
Input current max. at 24 V	130 mA
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V
Transfer rate	10/100 Mbit/s

Environmental conditions

Ambient temperature	-5…55 °C
EN 60068-2-6, Vibration	61…500 Hz, constant acceleration 15 g 5…61 Hz, constant amplitude 1 mm
IP rating	IP67, when threaded in
Storage temperature	-25…75 °C

Functional safety

MTTF (40 °C)	43 a

Interface

Auxiliary interfaces	8x EtherNet/IP 10Base-T/ 100Base-TX
Interface	Ethernet TCP/IP 10Base-T/ 100Base-TX

Material

Gasket, material	FKM 75
Housing material	Die-cast zinc, nickel-plated
Housing shield	yes
Surface protection	Cu 15 µm Ni 15 µm

Mechanical data

Dimension	68 x 32.4 x 224 mm
Mounting ground strap	M4
Mounting part	2-hole screw mount

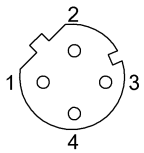
Remarks

See short guide

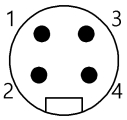
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Ethernet (1xUp-,8xDownlink)
PIN 1: Tx+
PIN 2: Rx+
PIN 3: Tx-
PIN 4: Rx-



PIN 1: +24V
PIN 2: +24V
PIN 3: Function ground
PIN 4: 0V