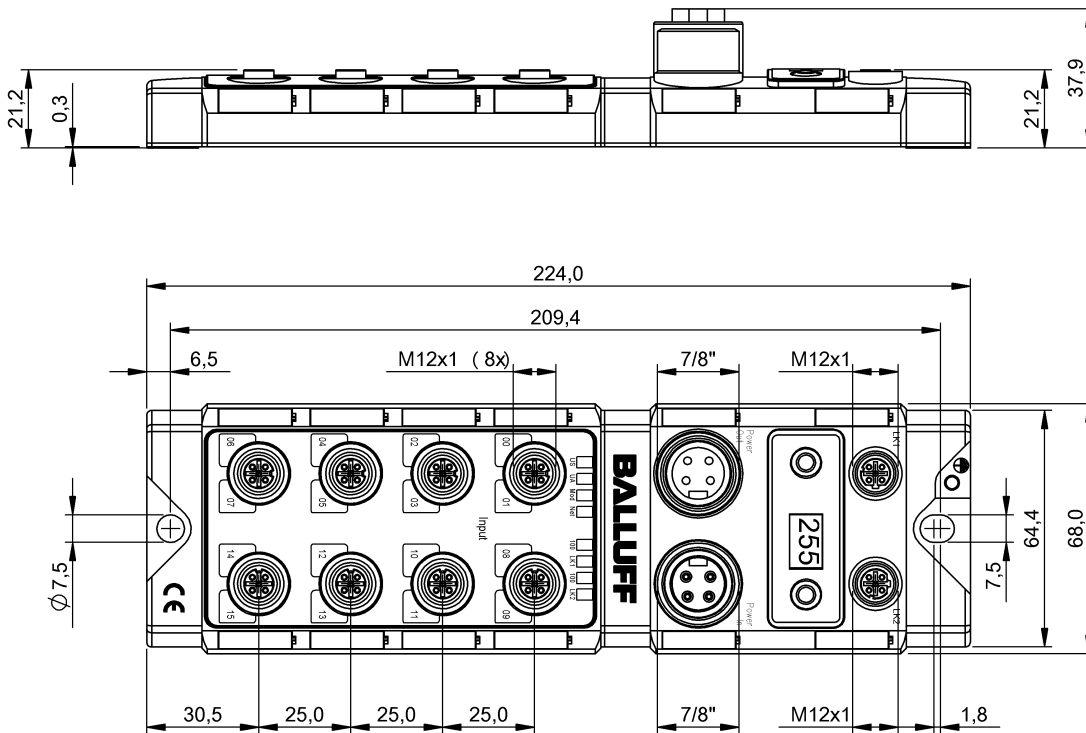


## BNI EIP-104-105-Z015 BNI004M



### Display/Operation

Sensor supply US indicator	LED green
Switching function display	LED yellow

### Electrical connection

Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm
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### Electrical data

Address range	IPV4
Configurable inputs/outputs	no
Current sum US, sensor	9.0 A
MTTF (40 °C)	37 a
Operating voltage U <sub>b</sub>	18...30.2 VDC
Rated operating voltage U <sub>e</sub> 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

Protection type IEC 60529

Storage temperature

IP67 when threaded in

-25...70 °C

### Functional safety

Diagnostic coverage	0 %
Functional safety	no
Mission Time	20 a

### General data

Approval/Conformity	ODVA UL 94 CSA CE
Scope of delivery	Part label (20x) Blind plugs M12 (4x) Ground strap Lock washer Short guide M4x6 screw
Style	Two-row

### Material

Gasket, material	FKM 75
Housing material	Zinc, Die casting
Housing shield	yes

## BNI EIP-104-105-Z015 BNI004M

Surface protection

Cu 15  $\mu$   
Ni 15  $\mu$

Interface

EtherNet/IP

### Mechanical data

Dimension 68 x 37.9 x 224 mm  
Fastening detail 2-hole screw mount  
Mounting ground strap M4

### Remarks

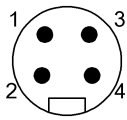
Installation instructions See short guide  
For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

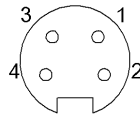
### Output/Interface

Digital inputs 16x PNP, Type 2

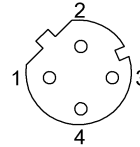
### Connector view



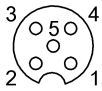
PIN 1: +24V PIN 2: +24V PIN 3: 0V PIN 4:  
0V Power IN



PIN 1: +24V PIN 2: +24V PIN 3: 0V PIN 4:  
0V Power Out



Ethernet IP PIN 1: Tx+ PIN 2: Rx+ PIN 3: Tx- PIN  
4: Rx-



Input Ports PIN 1: +24V, 0.2A PIN 2: Input PIN 3:  
0V PIN 4: Input PIN 5: Function ground