

- EtherNET/IP
- Digital mixed functions



General attributes

Approvals / Conformity

CE
UL94
CSA
ODVA
BNI EIP-305-100-Z016 (DI8DO8).eds
IP67 (when connected)

Device description file
Enclosure Type per IEC 60529
Indicator actuators supply UA
Indicator sensors supply US
Indicator switching function
Mounting instruction
Scope of delivery

Yes, LED green
Yes, LED green
Yes, LED yellow
See short guide
Ground strap
Circlip
4x plugs M12
Screw M4x6
20x labels
Short guide
EtherNET

Transmission protocol

IPV4
EtherNET/IP
No
9.0 A
24 V

Electrical attributes

Address range
Bus system
Configurable in-/outputs
Current sum US (Sensor)
Eff. operating voltage Ue DC

Inputs

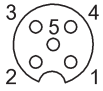
Number of inputs
Number of outputs 2A
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Switching output
Transfer rate max.
Transfer rate min.

PNP, Type 2
8
8
30.2 V
18 V
PNP
100 Mbit/s
10 Mbit/s

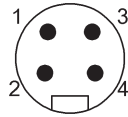
Mechanical attributes

Ambient temperature Ta max.
Ambient temperature Ta min.
Connection sensors/actuators
Height
Housing material
Housing shield
Length
Mounting ground strap
Mounting type
Number of plug-in positions
Storage temperature max.
Storage temperature min.
Style
Surface protection
Width

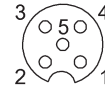
55 °C
-5 °C
M12x1
32.4 mm
GD-ZnAl4Cu1 (die-cast zinc)
Yes
224.0 mm
M4
2-hole screw mounting
8
75 °C
-25 °C
Two-row
Cu 15 µ / Ni 15 µ
68.0 mm



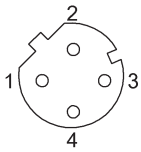
Input Ports
PIN 1: +24V, 0.2A
PIN 2: Input
PIN 3: 0V
PIN 4: Input
PIN 5: Function ground



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



Output Ports
PIN 1: not used
PIN 2: Output 2A
PIN 3: 0V
PIN 4: Output 2A
PIN 5: Function ground



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