

- ProfiNet
- Output module



General attributes

Approvals / Conformity

UL94
CE

Device description file

CSA
GSDML-V2.1-Balluff-BNI-
PNT-206-001-20090512.xml

Enclosure Type per IEC 60529

IP67 (when connected)

Indicator actuators supply UA

Yes, LED green

Indicator switching function

Yes, LED yellow

Mounting instruction

See short guide

Scope of delivery

20x labels
Short guide
Screw M4x6
4x plugs M12
Circlip
Ground strap
ProfNet

Transmission protocol

ProfNet

Electrical attributes

Address range

IPV4

Bus system

ProfNet

Configurable in-/outputs

No

Eff. operating voltage Ue DC

24 V

Number of outputs 2A

16

Operating voltage UB max. DC [V]

30.2 V

Operating voltage UB min. DC [V]

18 V

Switching output

PNP

Transfer rate max.

100 Mbit/s

Transfer rate min.

10 Mbit/s

Mechanical attributes

Ambient temperature Ta max.

55 °C

Ambient temperature Ta min.

-5 °C

Height

37.9 mm

Housing material

GD-ZnAl4Cu1 (die-cast zinc)

Housing shield

Yes

Length

224.0 mm

Mounting ground strap

M4

Mounting type

2-hole screw mounting

Number of plug-in positions

8

Storage temperature max.

85 °C

Storage temperature min.

-25 °C

Style

Two-row

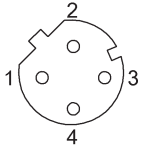
Surface protection

Cu 15 µ / Ni 15 µ

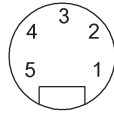
Width

68.0 mm

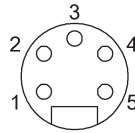
BNI PNT-206-001-Z002
BNI003F



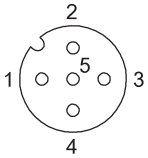
PIN 1: TD+
PIN 2: RD+
PIN 3: TD-
PIN 4: RD-
Profinet Port



PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: +24V
PIN 5: +24V
Power In



PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: +24V
PIN 5: +24V
Power Out



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