

- ProfiNet
- Input module



General attributes

Approvals / Conformity
Device description file

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

Transmission protocol
MTTF

Electrical attributes

Address range
Bus system
Current sum US (Sensor)
Eff. operating voltage Ue DC
Inputs
Number of inputs
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]

CE
GSDML-V2.2-Balluff-BNI-PNT-104-105-201110901.xml"
IP67 (when connected)
Yes, LED green
Yes, LED green
Yes, LED yellow
See short guide
20x labels
Short guide
Screw M4x6
4x plugs M12
Circlip
Ground strap
ProfiNet
80 a

IPV4
ProfiNet
9.0 A
24 V
PNP, Type 2
16
30.2 V
18 V

Transfer rate max.
Transfer rate min.

100 Mbit/s
10 Mbit/s

Mechanical attributes

Ambient temperature Ta max.
Ambient temperature Ta min.
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

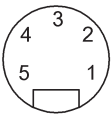
70 °C
-5 °C
37.9 mm
GD-ZnAl4Cu1 (die-cast zinc)
Yes
224.0 mm
M4
2-hole screw mounting
8
70 °C
-25 °C
Two-row
Cu 15 µ / Ni 15 µ
68.0 mm

Remarks

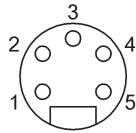
For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

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

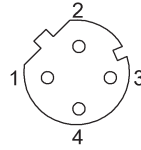
BNI PNT-104-105-Z015
BNI0053



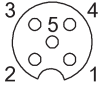
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power In



PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power Out



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



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