

- PROFIBUS
- Output module



General attributes

Approvals / Conformity
Enclosure Type per IEC 60529
Indicator actuators supply UA
Indicator switching function
Mounting instruction
Scope of delivery

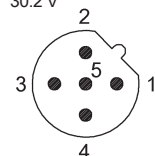
CE
IP67 (when connected)
Yes, LED green
Yes, LED yellow
See short guide
Ground strap
20x labels
Short guide
Screw M4x6
4x plugs M12
Circlip
PROFIBUS DP per EN 50170

Transmission protocol

Electrical attributes

Address range
Bus system
Configurable in-/outputs
Eff. operating voltage U_e DC
Number of outputs 2A
Operating voltage U_B max. DC [V]

0-125
PROFIBUS
No
24 V
8
30.2 V



PIN 1: Supply voltage +
PIN 2: A-Line
PIN 3: DGND
PIN 4: B-Line
PIN 5: Shield

Operating voltage U_B min. DC [V]

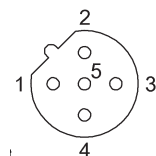
Switching output
Transfer rate max.
Transfer rate min.

18 V
PNP
12 Mbit/s
9.6 kBit/s

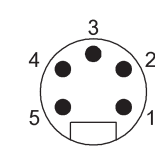
Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a 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
37.4 mm
GD-ZnAl4Cu1 (die-cast zinc)
Yes
215.0 mm
M4
2-hole screw mounting
8
70 °C
-25 °C
Two-row
Cu 15 μ / Ni 15 μ
68.0 mm



PIN 1: Supply voltage +
PIN 2: A-Line
PIN 3: DGND
PIN 4: B-Line
PIN 5: Shield

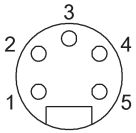


PIN 1: GND
PIN 2: A-Line
PIN 3: Function ground
PIN 4: Bus supply
PIN 5: Actuator supply Power In

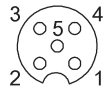
Network interface

BNI PBS-202-101-Z001
BNI0057

BALLUFF
sensors worldwide



PIN 1: GND
PIN 2: GND
PIN 3: Function ground
PIN 4: Bus supply
PIN 5: Actuator supply
Power Out



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