

- PROFIBUS
- Intelligent functions



General attributes

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

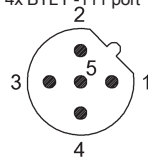
CE
IP67 (when connected)
Yes, LED green
Yes, LED yellow
See short guide
20x labels
Short guide
Screw M4x6
4x plugs M12
Ground strap
Circlip
PROFIBUS DP per EN 50170

Transmission protocol

Electrical attributes

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

0-99
PROFIBUS
No
9.0 A
24 V
PNP, Type 2
4x BTL P-111 port



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

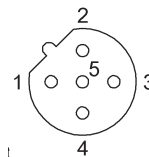
Number of inputs
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Transfer rate max.
Transfer rate min.

8
30.2 V
18 V
12 Mbit/s
9.6 kBit/s

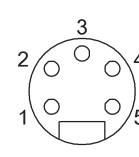
Mechanical attributes

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

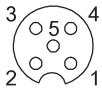
70 °C
-5 °C
37.9 mm
GD-ZnAl4Cu1 (die-cast zinc)
Yes
224.0 mm
M4
2-hole screw mounting
8
75 °C
-25 °C
Two-row
Cu 15 µ / Ni 15 µ
68.0 mm



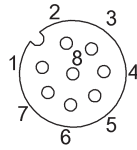
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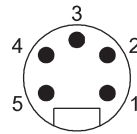
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: P-111- and bus supply
PIN 5: Sensor supply
Power Out



Digital input port
PIN 1: +24V, 1A
PIN 2: Digital input
PIN 3: 0V
PIN 4: Digital input
PIN 5: Function ground



P-111-port
PIN 1: +INIT
PIN 2: +START/STOP
PIN 3: -INIT
PIN 4: not used
PIN 5: -START/STOP
PIN 6: 0V
PIN 7: +24V
PIN 8: not used



PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: P-111- and bus supply
PIN 5: Sensor supply
Power In