

- PROFIBUS
- Input module



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
Ground strap
Circlip
4x plugs M12
Screw M4x6
20x labels
Short guide
PROFIBUS DP per EN 50170

Transmission protocol

Electrical attributes

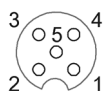
Address range
Bus system
Configurable in-/outputs
Current sum US (Sensor)
Eff. operating voltage Ue DC
Inputs

0-125
PROFIBUS
No
9.0 A
24 V
PNP, Type 2

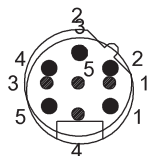
Number of inputs 16
Operating voltage UB max. DC [V] 30.2 V
Operating voltage UB min. DC [V] 18 V
Transfer rate max. 12 Mbit/s
Transfer rate min. 9.6 kBit/s

Mechanical attributes

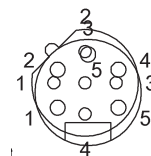
Ambient temperature Ta max. 70 °C
Ambient temperature Ta min. -5 °C
Height 37.4 mm
Housing material GD-ZnAl4Cu1 (die-cast zinc)
Housing shield Yes
Length 215.0 mm
Mounting ground strap M4
Mounting type 2-hole screw mounting
Number of plug-in positions 8
Storage temperature max. 70 °C
Storage temperature min. -25 °C
Style Two-row
Surface protection Cu 15 µ / Ni 15 µ
Width 68.0 mm



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



PIN 1: Supply voltage +
PIN 2: GND
PIN 3: Common ground
PIN 4: Sensor and bus supply.
PIN 5: Shielded Power In



PIN 1: Supply voltage +
PIN 2: GND
PIN 3: Common ground
PIN 4: Sensor and bus supply.
PIN 5: Shielded Power Out