


22260034	<b>DATA SHEET</b>	
Valid from: 17.09.2018	<b>AB-B4-M8L-4-M16</b>	

## Description

- Sensor / actuator distribution box with LEDs
- Connection methods: M8-jack, A-standard (for S/A), M16 plug connection (for trunk cable)
- Slots: 4



## General characteristics

Connection method, trunk cable	M16 plug connection
Connection method, sensor / actuator	M8-jack, A-standard
Number of slots	4
Number of pins	3 (M8-jack) 14 (M16 plug connection)
Ambient temperature	-30 to +80 °C (-22°F to 176°F)
Degree of protection	IP65 / IP67
Local diagnosis	LED green (Supply voltage) LED yellow (Status indicator I/O)


## Electrical properties

Rated voltage	24 VDC
Current load ability per I / O signal	2 A
Total current	6 A

## Mechanical properties

Inflammability class according to UL 94	V0
Housing	PBT
Potting compound	PUR
Contact	CuSn
Contact surface	Ni / Au
Contact carrier	PA
Threaded sleeve	Cu-alloy
Contact (for trunk cable)	Cu-alloy
Threaded sleeve surface	Nickel plated
O-ring	NBR
Tightening torque slot S/A cable	0.2 Nm
Tightening torque plug connection (trunk cable)	1.5 Nm

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### Connector pin assignment

Slot / pol = colour or connection

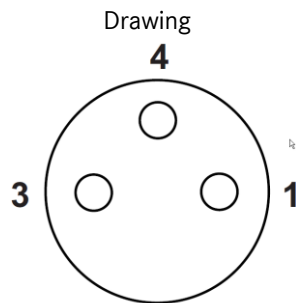
- 1 / 4 (A) = P
- 2 / 4 (A) = J
- 3 / 4 (A) = T
- 4 / 4 (A) = S
- 1-4 / 1 (+ 24 V) = A+M
- 1-4 / 3 (0 V) = L+U

### Standards / Approvals

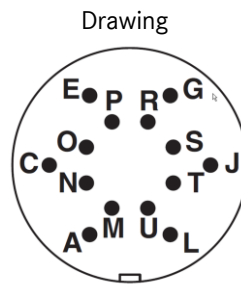
Product standard, M8 connector

IEC 61076-2-104

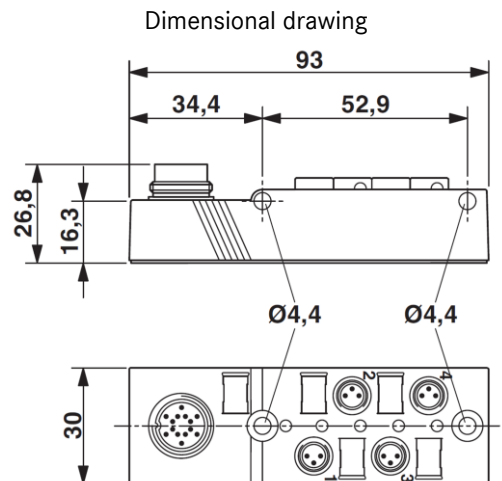
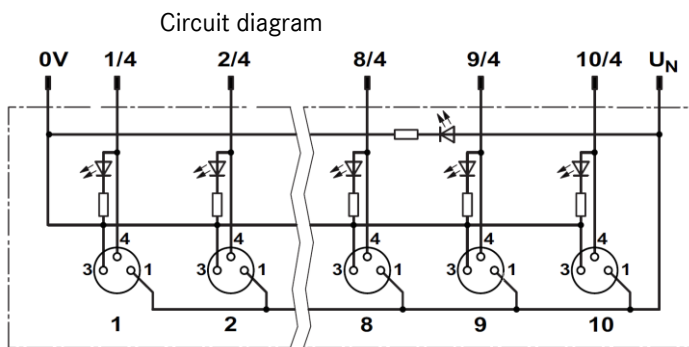
### Technical drawing



M8 jack, 3-pol, slot 1-4



M16 plug, 14-pol



### Application range

Automation, industrial machinery and plant engineering

### Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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