


22260038	DATA SHEET	
Valid from: 09.11.2018	AB-B4-M8L-4-M12	

Description

- Sensor / actuator distribution box with LEDs
- Connection methods: M8-jack, A-standard (for S/A), M12 plug connection (for trunk cable)
- Slots: 4



General characteristics

Connection method, trunk cable	M12 plug connection
Connection method, sensor / actuator	M8 jack, A-standard
Number of slots	4
Number of pins	3
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 loadability per I / O signal	Max. 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
Contact (for trunk cable)	Cu alloy
Threaded sleeve	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)	0.4 Nm

Creator: ERTC1/PDP Released: IVSE1/PDP	Document: DB22260038EN Version: 04	Page 1 of 2
---	---------------------------------------	-------------

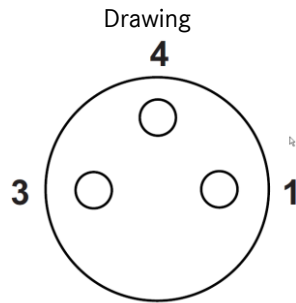
22260038	DATA SHEET	
Valid from: 09.11.2018	AB-B4-M8L-4-M12	

Connector pin assignment

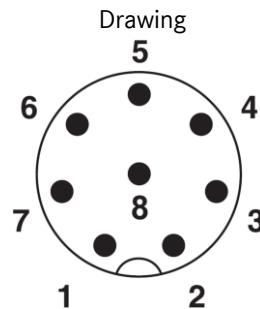
Slot / pol = color or connection

- 1 / 4 (A) = 1
- 2 / 4 (A) = 2
- 3 / 4 (A) = 3
- 4 / 4 (A) = 4
- 1-4 / 1 (+ 24 V) = 5
- 1-4 / 3 (0 V) = 7

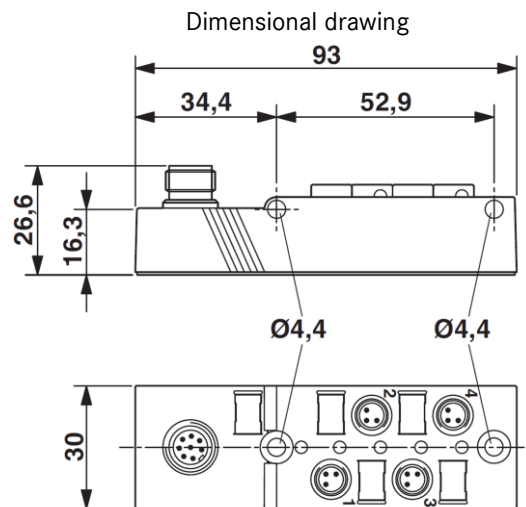
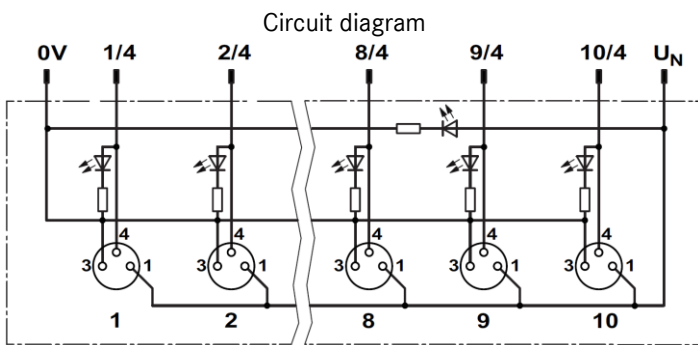
Technical drawing



M8 jack, 3-pol, slots 1-4



M12 plug, 8-pol



Standards / Approvals

Product standard, M8 connector
Product standard, M12 connector

IEC 61076-2-104
IEC 61076-2-101

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.

Creator: ERTC1/PDP Released: IVSE1/PDP	Document: DB22260038EN Version: 04	Page 2 of 2
---	---------------------------------------	-------------