

Distributed I/O device - FLM DO 4 M8-2A - 2736932

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



The space-saving local bus device is particularly suitable for use in close proximity to the process. Functions: 4 digital outputs each with a load capacity of 2 A, channel-specific diagnostics, short-circuit and overload protection, M8 connection method.

Product Description

The device is designed for use in Fieldline Modular M8 local bus, which is opened by a Fieldline or Inline bus coupler. It is used to output digital signals.

Your advantages

- Can also be connected to an Inline station
- Optimized for 30 mm mounting profile
- Diagnostic and status indicators
- Short-circuit and overload protection
- Consistent connection via M8 connectors



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356087193

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

Dimensions

Caption	Side view (dimensions in mm)
Width	29.8 mm
Height	143 mm
Depth	26.5 mm
Note on dimensions	Length details incl. fixing clips
Drill hole spacing	133 mm

Distributed I/O device - FLM DO 4 M8-2A - 2736932

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (storage/transport)	95 %
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP65/IP67

General

Mounting type	Wall mounting
Net weight	137 g

Interfaces

Designation	Fieldline local bus
Connection method	2 M8 male connector
Designation connection point	Copper cable
Transmission speed	500 kbps
Number of positions	5

Power supply for module electronics

Connection method	M8 connector
Designation	U_L
Number of positions	4
Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC (including ripple)
Supply current	3 A

Fieldline potentials

Voltage supply U_L	24 V DC
----------------------	---------

Digital outputs

Output name	Digital outputs
Connection method	M8 connector
Connection technology	2, 3-wire
Number of outputs	4
Type of protection	Short-circuit protection
Output voltage	24 V DC
Maximum output current per channel	2 A

Electrical isolation

Test section	To I/O 500 V AC
--------------	-----------------

Standards and Regulations

Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 Load 30g, half sine wave, positive and negative per direction
------------------	---

Distributed I/O device - FLM DO 4 M8-2A - 2736932

Technical data

Standards and Regulations

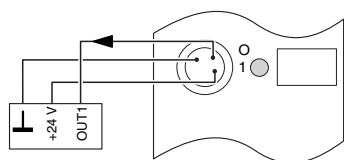
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g in each space direction
Connection in acc. with standard	CUL
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Environmental Product Compliance

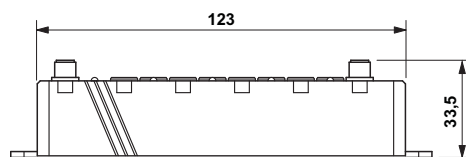
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Connection diagram

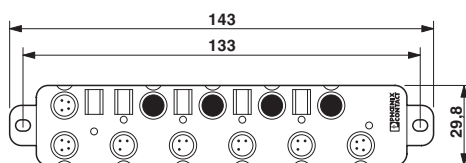


Dimensional drawing



Side view (dimensions in mm)

Dimensional drawing



Top view (dimensions in mm)

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Distributed I/O device - FLM DO 4 M8-2A - 2736932


Approvals


Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
---------------	---	---	---------------

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
----------------	---	---	---------------

cULus Recognized			
------------------	--	--	--

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>