

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

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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.

### Product Features

- 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

<b>package_quantity</b>	1
<b>GTIN</b>	4046356087193

### Technical data

#### Note:

<b>Utilization restriction</b>	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

<b>Width</b>	29.8 mm
<b>Height</b>	143 mm
<b>Depth</b>	26.5 mm
<b>Note on dimensions</b>	Length details incl. fixing clips
<b>Drill hole spacing</b>	133 mm

#### Ambient conditions

<b>Ambient temperature (operation)</b>	-25 °C ... 60 °C
<b>Ambient temperature (storage/transport)</b>	-25 °C ... 85 °C
<b>Permissible humidity (storage/transport)</b>	95 %
<b>Air pressure (operation)</b>	80 kPa ... 106 kPa (up to 2000 m above sea level)
<b>Air pressure (storage/transport)</b>	70 kPa ... 106 kPa (up to 3000 m above sea level)
<b>Degree of protection</b>	IP65/67

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### Technical data

#### General

<b>Weight</b>	137 g
<b>Mounting type</b>	Wall mounting
<b>Protection class</b>	III, IEC 61140, EN 61140, VDE 0140-1
<b>Test section</b>	To I/O 500 V AC
<b>Mechanical tests</b>	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 Load 30 g, half sine wave, positive and negative per direction
<b>Mechanical tests</b>	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g in each space direction

#### Interfaces

<b>Name</b>	Fieldline local bus
<b>Connection method</b>	2 M8 male connector
<b>Designation connection point</b>	Copper cable
<b>Transmission speed</b>	500 kBit/s
<b>Number of positions</b>	5

#### Power supply for module electronics

<b>Connection method</b>	M8 connector
<b>Name</b>	$U_L$
<b>Number of positions</b>	4
<b>Supply voltage</b>	24 V DC
<b>Supply voltage range</b>	18 V DC ... 30 V DC IEC 61131-2 (including ripple)
<b>Supply current</b>	3 A

#### Fieldline potentials

<b>Voltage supply <math>U_L</math></b>	24 V DC
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#### Digital outputs

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

### classifications

#### eCl@ss

<b>eCl@ss 4.0</b>	27250302
<b>eCl@ss 4.1</b>	27250302
<b>eCl@ss 5.0</b>	27250302
<b>eCl@ss 5.1</b>	27242604
<b>eCl@ss 6.0</b>	27242604

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## classifications

### eCl@ss

eCl@ss 7.0	27242604
eCl@ss 8.0	27242604

### ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

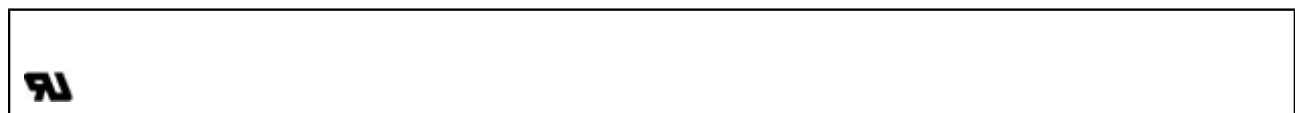
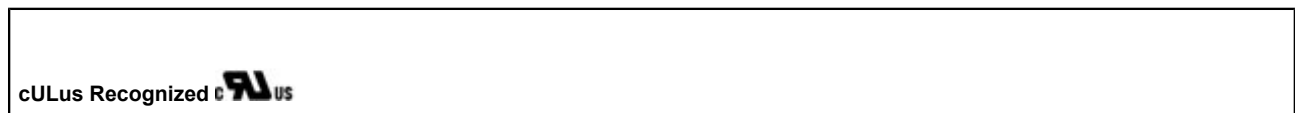
## approvals

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UL Recognized / cUL Recognized / cULus Recognized / UL Recognized / cUL Recognized / cULus Recognized /

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### Approval details



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

approvals



accessories

### Protective cap

PROT-M8 - 1682540



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### Terminal marking

ZBF 8:UNBEDRUCKT - 0808781



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### Data cable preassembled

SAC-4P-M 8MS/ 2,0-950 - 1543249



SAC-4P-M 8MS/ 5,0-950 - 1543252



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### accessories

SAC-4P-M 8MS/10,0-950 - 1543265



SAC-4P-M 8MS/15,0-950 - 1543278



SAC-4P-M 8MS/20,0-950 - 1543281



SAC-4P- 2,0-950/M 8FS - 1543294



SAC-4P- 5,0-950/M 8FS - 1543304



SAC-4P-10,0-950/M 8FS - 1543317



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### accessories

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SAC-4P-15,0-950/M 8FS - 1543320



SAC-4P-20,0-950/M 8FS - 1543333



SAC-4P-M 8MS/ 0,13-950/M 8FS - 1543346



SAC-4P-M 8MS/ 0,3-950/M 8FS - 1543511



SAC-4P-M 8MS/ 0,5-950/M 8FS - 1543524



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### accessories

SAC-4P-M 8MS/ 1,0-950/M 8FS - 1543537



SAC-4P-M 8MS/ 2,0-950/M 8FS - 1543359



SAC-4P-M 8MS/ 5,0-950/M 8FS - 1543362



SAC-4P-M 8MS/10,0-950/M 8FS - 1543375



SAC-4P-M 8MS/15,0-950/M 8FS - 1543388



SAC-4P-M 8MS/20,0-950/M 8FS - 1543391



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accessories

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### Sensor/actuator cable

SAC-4P- 2,0-PUR/M 8FS 0,34 - 1543582



SAC-4P- 5,0-PUR/M 8FS 0,34 - 1534818



SAC-4P-10,0-PUR/M 8FS 0,34 - 1543595



SAC-4P-15,0-PUR/M 8FS 0,34 - 1543605



SAC-4P-20,0-PUR/M 8FS 0,34 - 1543618





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### accessories

SAC-4P-M 8FS/.../... - 1697771



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### Data cable by the meter

SAC-4P-950/... - 1543401



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### Adapter

FLM ADAP M12/M8 - 2736961



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### I/O component

IB IL 24 FLM-PAC - 2736903



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### Circular connector (cable-side)

SACC-M 8MS-4CON-M-0,34-SH - 1542897



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accessories

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SACC-M 8FS-4CON-M-0,34-SH - 1542910



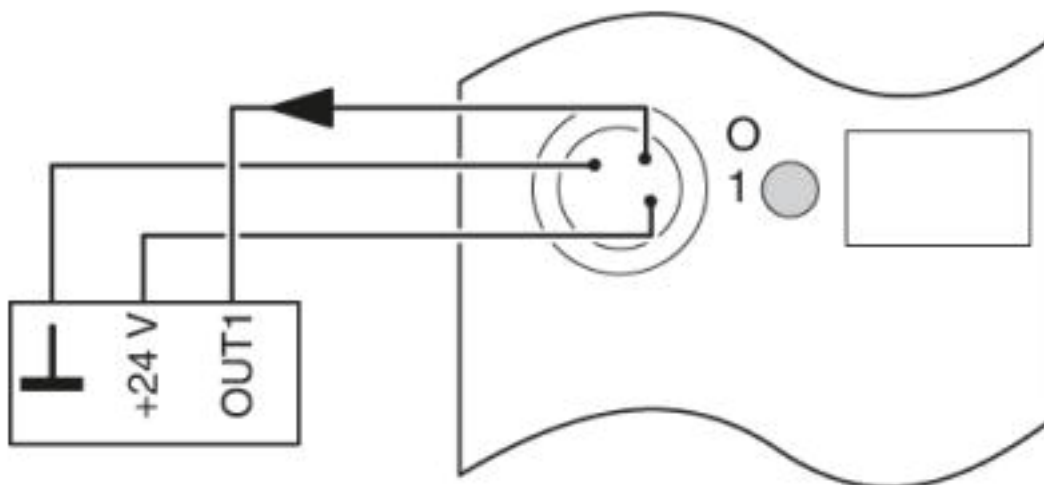
SACC-M 8FS-4PCON - 1506781



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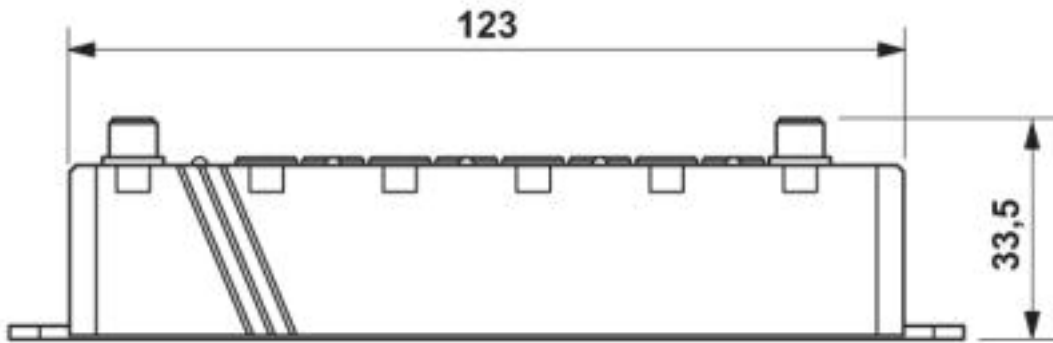
## Drawings

Connection diagram



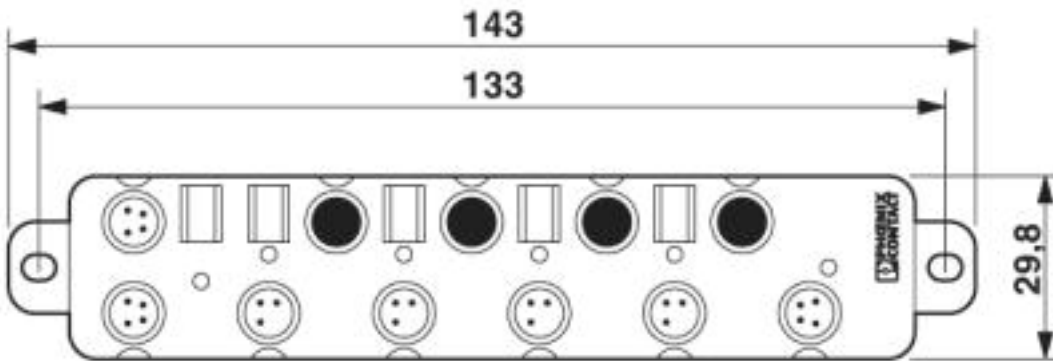
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Dimensioned drawing



Side view (dimensions in mm)

Dimensioned drawing



Top view (dimensions in mm)

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