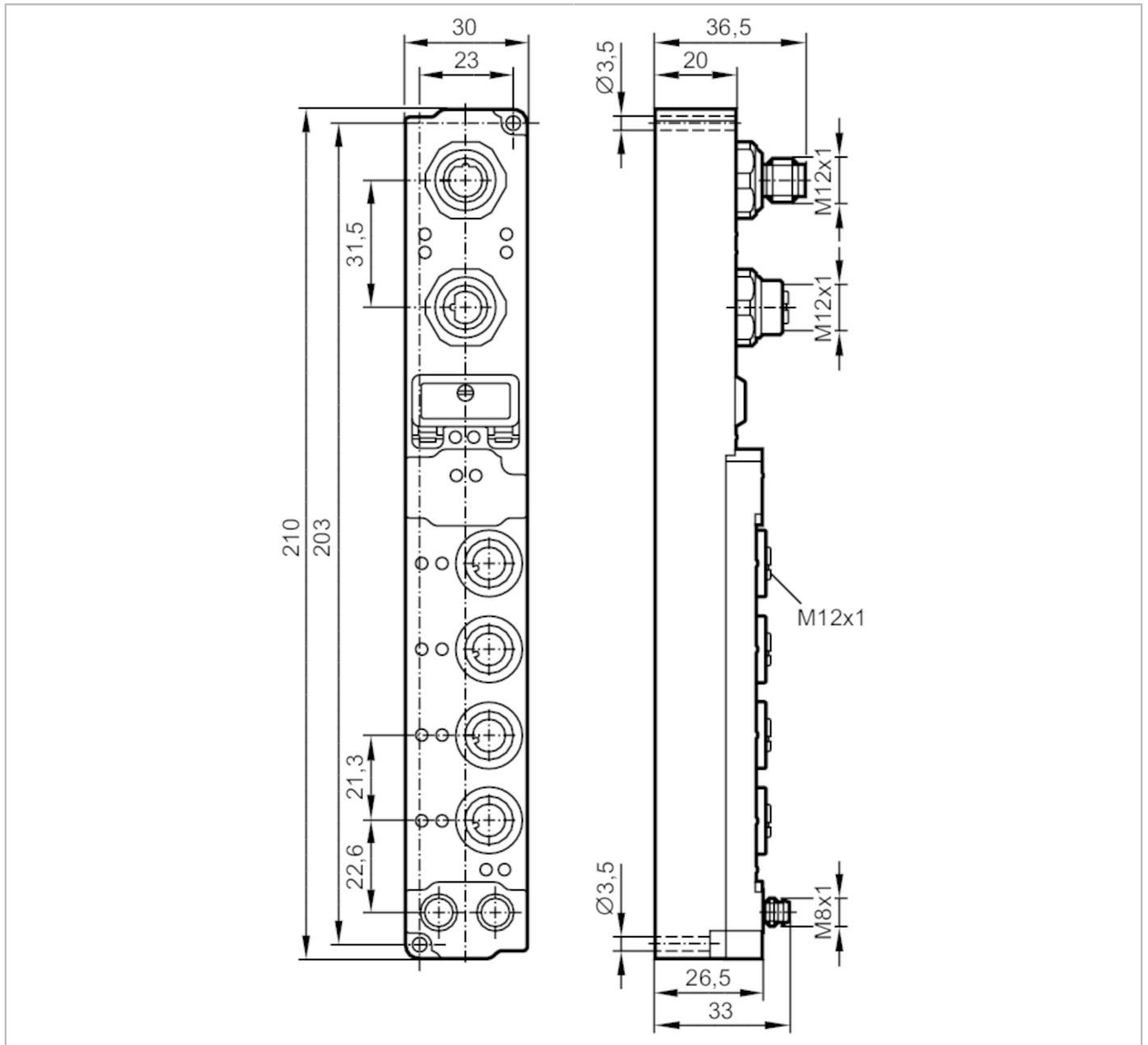


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I/O module for field applications

FieldModuleDP 4AO (C) M12



Electrical data

Operating voltage	[V]	20...29 DC
Current consumption	[mA]	< 115
Electrical separation		no

Inputs / outputs

Number of inputs and outputs	Number of analogue outputs: 4
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I/O module for field applications

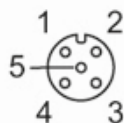
FieldModuleDP 4AO (C) M12

Outputs		
Number of analogue outputs		4
Analogue current output [mA]		4...20
Max. load [Ω]		500
Short-circuit proof		yes
Actuator supply analogue outputs		from load voltage
Accuracy / deviations		
Measuring error [% of the final value]		$< \pm 0,3$
Interfaces		
PROFIBUS		
Transmission rate		9,6...12000 kBit/s
Operating conditions		
Ambient temperature [$^{\circ}\text{C}$]		0...55
Storage temperature [$^{\circ}\text{C}$]		-25...85
Protection		IP 67
Tests / approvals		
EMC	EN 50081-2	
	EN 50082-2	
Vibration resistance	IEC 68	parts 2-6 / IEC 68, parts 2-27
Mechanical data		
Weight [g]		300.2
Materials	housing: PA 6; potting compound: PU; contact pins: brass gold-plated	
Remarks		
Pack quantity		1 pcs.
Electrical connection - Process connection		

socket M12 Outputs

- | | |
|---|------------|
| 1 | Output + |
| 2 | 24 V DC UL |
| 3 | Output GND |
| 4 | GND |
| 5 | Screen |

Connector: M12



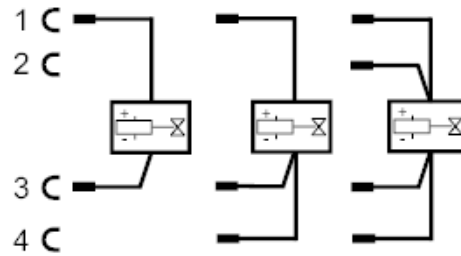
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I/O module for field applications

FieldModuleDP 4AO (C) M12

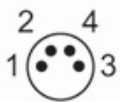
Connection



Electrical connection - voltage supply

	plug M8
1	24 V DC UB
2	24 V DC UL
3	GND
4	GND
	socket M8
1	24 V DC UB
2	24 V DC UL
3	GND
4	GND

Connector: M8





I/O module for field applications

FieldModuleDP 4AO (C) M12

Electrical connection - PROFIBUS

	plug M12 PROFIBUS In
1	not used
2	wire A
3	GND
4	wire B
5	Screen
	socket M12 PROFIBUS Out
1	5 V DC
2	wire A
3	GND
4	wire B
5	Screen

Connector: M12

