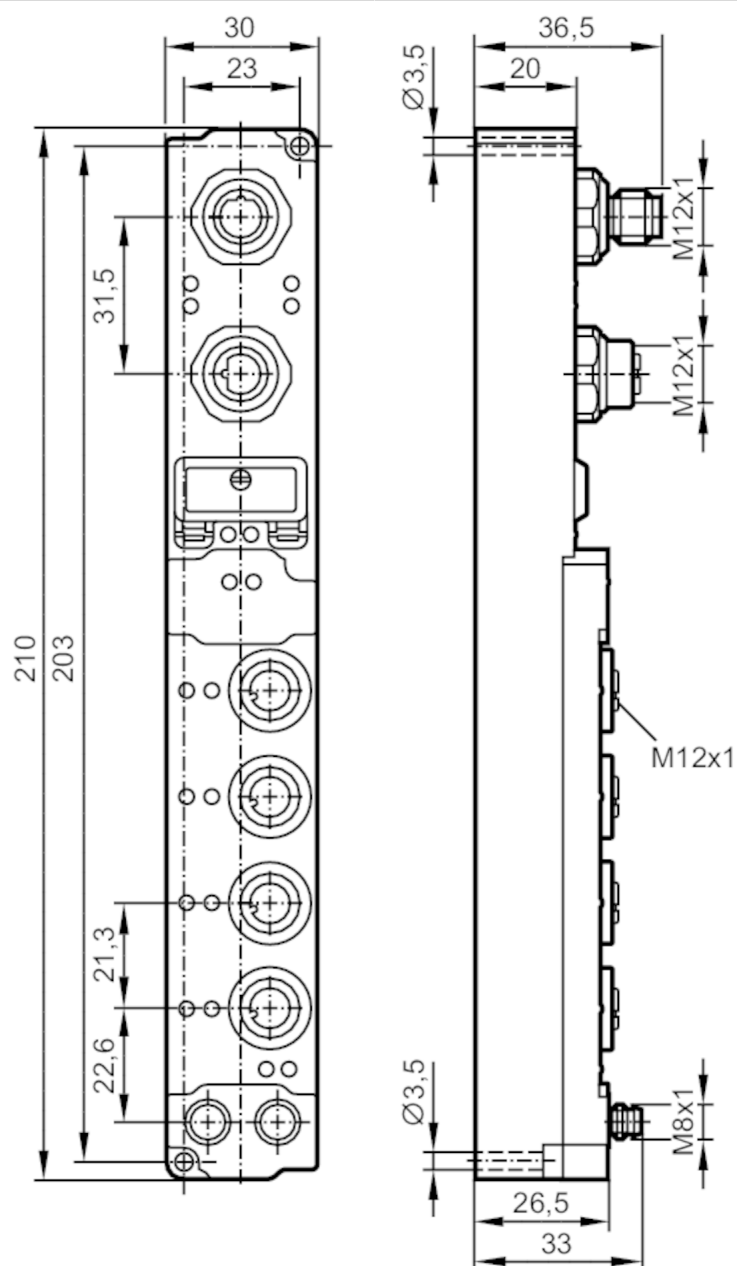


AC2631



I/O module for field applications

FieldModuleDP 2x2DI 2x2DO M12



Electrical data

Operating voltage	[V]	20...29 DC
Current consumption	[mA]	< 90
Electrical separation		no

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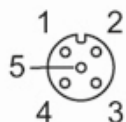
Inputs		
Number of digital inputs		4
voltage supply	[V]	20...29
Max. total current rating of inputs	[mA]	500
Switching level high	[V]	11...30
Switching level low	[V]	-3...5
Digital inputs protected against short circuits		yes
Outputs		
Number of digital outputs		4
Voltage range DC		20...29
Max. current load per output	[mA]	2000
Interfaces		
PROFIBUS		
Transmission rate		9,6...12000 kBit/s
Operating conditions		
Ambient temperature	[°C]	0...55
Storage temperature	[°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]	296.4
Materials	housing: PA 6; potting compound: PU; contact pins: brass gold-plated	
Remarks		
Pack quantity		1 pcs.
Electrical connection - Process connection		
1	24 V DC	
2	In-/Output B	
3	GND	
4	In-/Output A	
5	not used	
Connector: 4 x M12, socket		

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Electrical connection - voltage supply IN

1	24 V DC UB
2	24 V DC UL
3	GND
4	GND

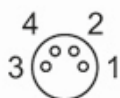
Connector: 1 x M8, plug



Electrical connection - voltage supply OUT

1	24 V DC UB
2	24 V DC UL
3	GND
4	GND

Connector: 1 x M8, socket





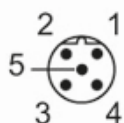
I/O module for field applications

FieldModuleDP 2x2DI 2x2DO M12

Electrical connection - PROFIBUS IN

1	not used
2	wire A
3	GND
4	wire B
5	Screen

Connector: 1 x M12, plug



Electrical connection - PROFIBUS OUT

1	5 V DC
2	wire A
3	GND
4	wire B
5	Screen

Connector: 1 x M12, socket

