

# AC2636

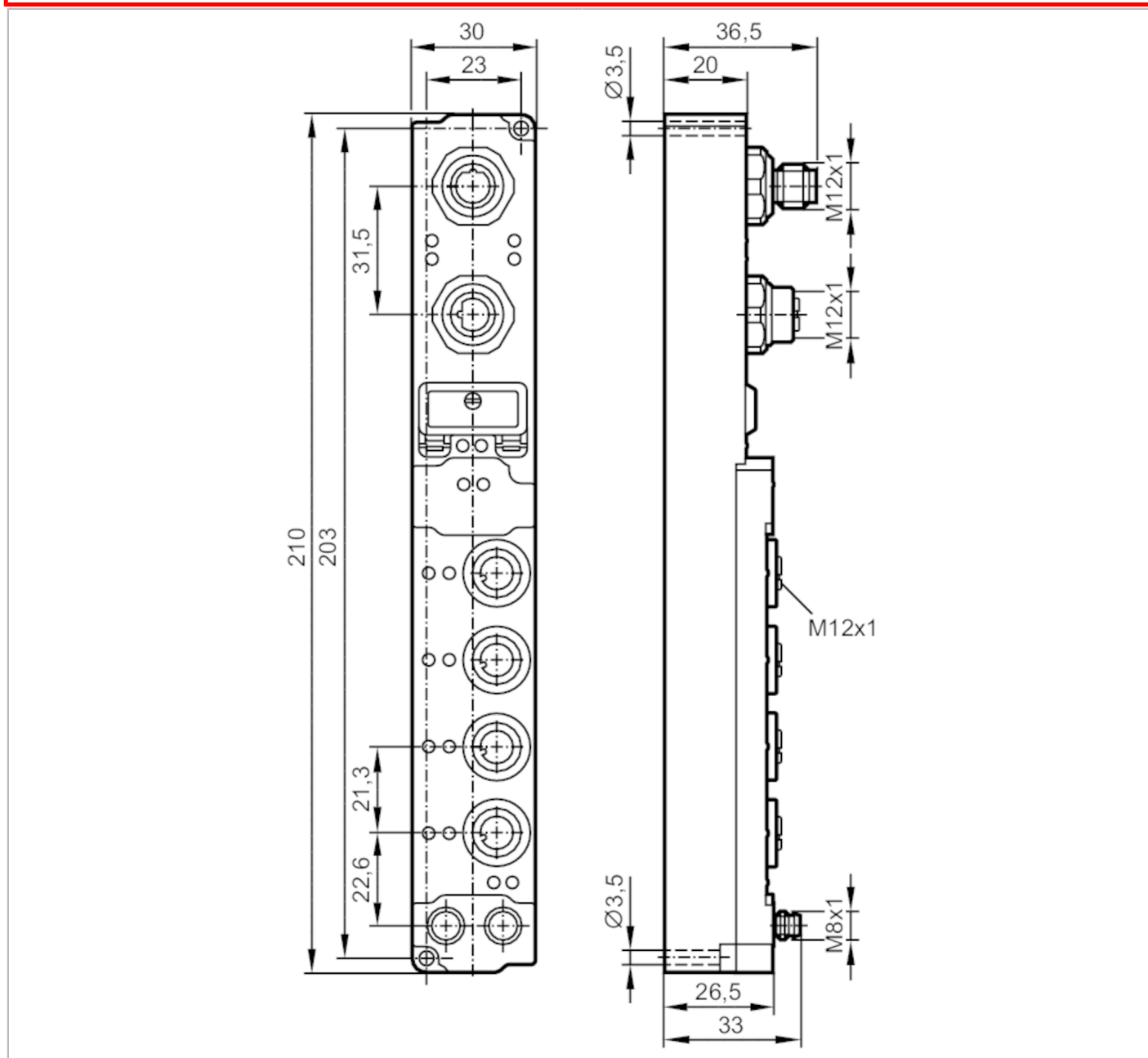
## I/O module for field applications

FieldModuleDP 4AI (C) M12



discontinued article

Discontinuation date: 31.03.2019



### Electrical data

Operating voltage	[V]	20...29 DC
Current consumption	[mA]	< 140
Electrical separation		no

### Inputs / outputs

Number of inputs and outputs	Number of analogue inputs: 4
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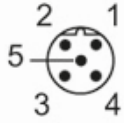
FieldModuleDP 4AI (C) M12

Inputs		
Number of analogue inputs	4	
Sensor supply of the inputs	from load voltage	
Analogue input (current) [mA]	4...20	
Accuracy / deviations		
Measuring error [% of the final value]	< ± 0,3	
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]	327.5	
Materials	housing: PA 6; potting compound: PU; contact pins: brass gold-plated	
Remarks		
Pack quantity	1 pcs.	
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		



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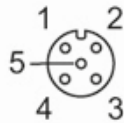
FieldModuleDP 4AI (C) M12



### Electrical connection - Process connection

	socket M12 Inputs
1	Sensor supply UL
2	input +
3	GND
4	input -
5	Screen

Connector: M12



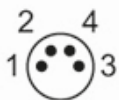
### Electrical connection - voltage supply

	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



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