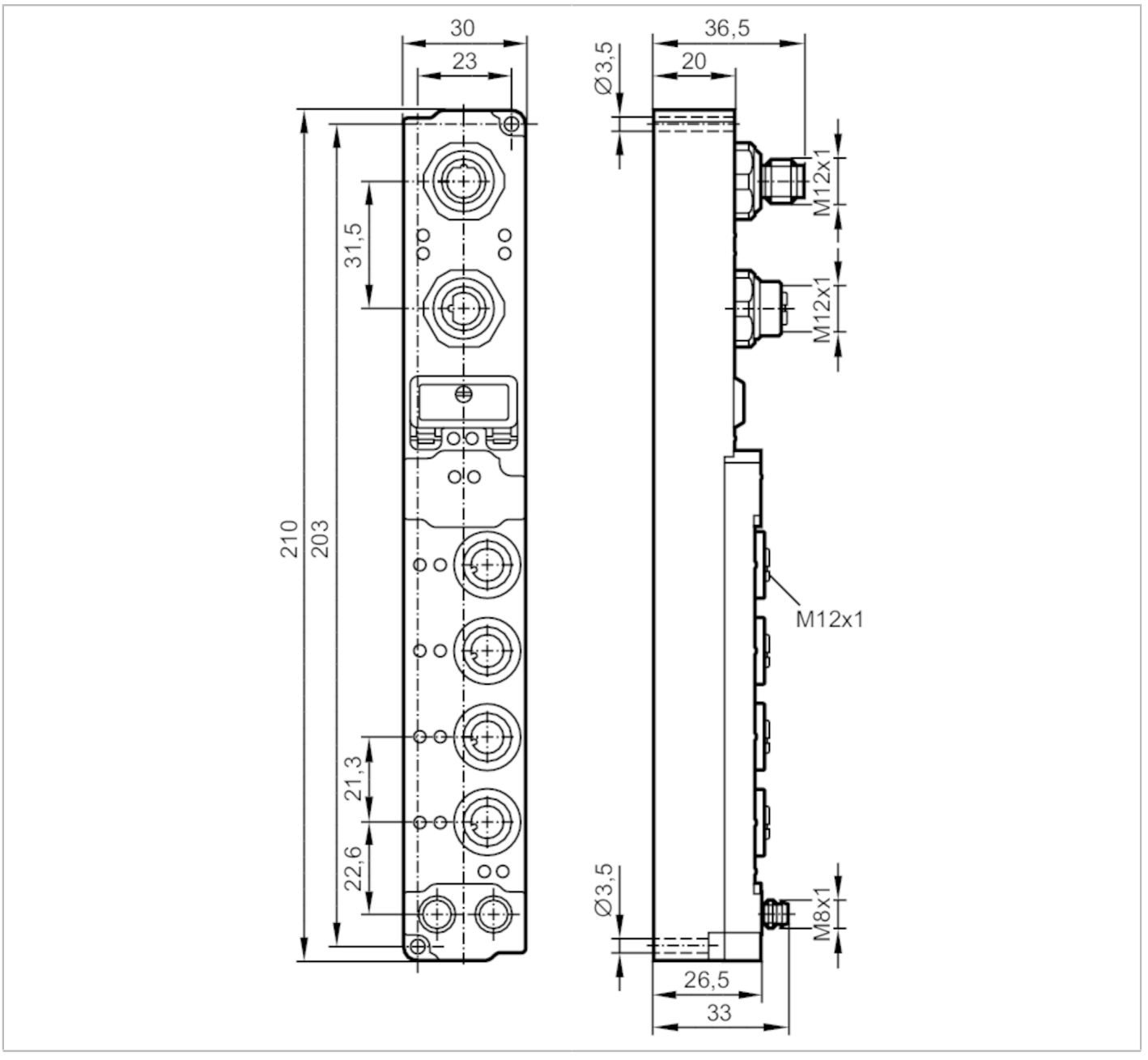
AC2636

I/O module for field applications

FieldModuleDP 4AI (C) M12

phase-out article



CE

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
Inputs		
Sensor supply of the inputs		from load voltage

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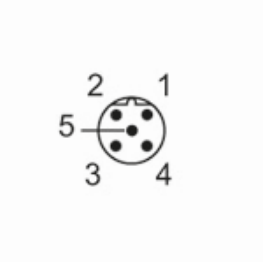
Number of analogue inputs		4
Analogue input (current)	[mA]	4...20
Accuracy / deviations		
Measuring error [% of the final value]		< ± 0,3
Interfaces		
PROFIBUS		
Transmission rate		9,6...12000 kBit/s
Operating conditions		
Ambient temperature	[°C]	0...55
Storage temperature	[°C]	-25...85
Protection		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

Connector: M12; coding: B



	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

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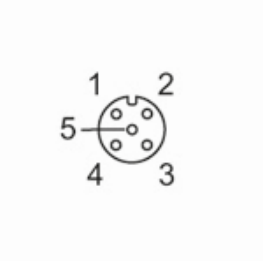
Electrical connection - Process connection

Connector: M12; coding: A



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

Electrical connection - power supply

Connector: M8; coding: A

	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