

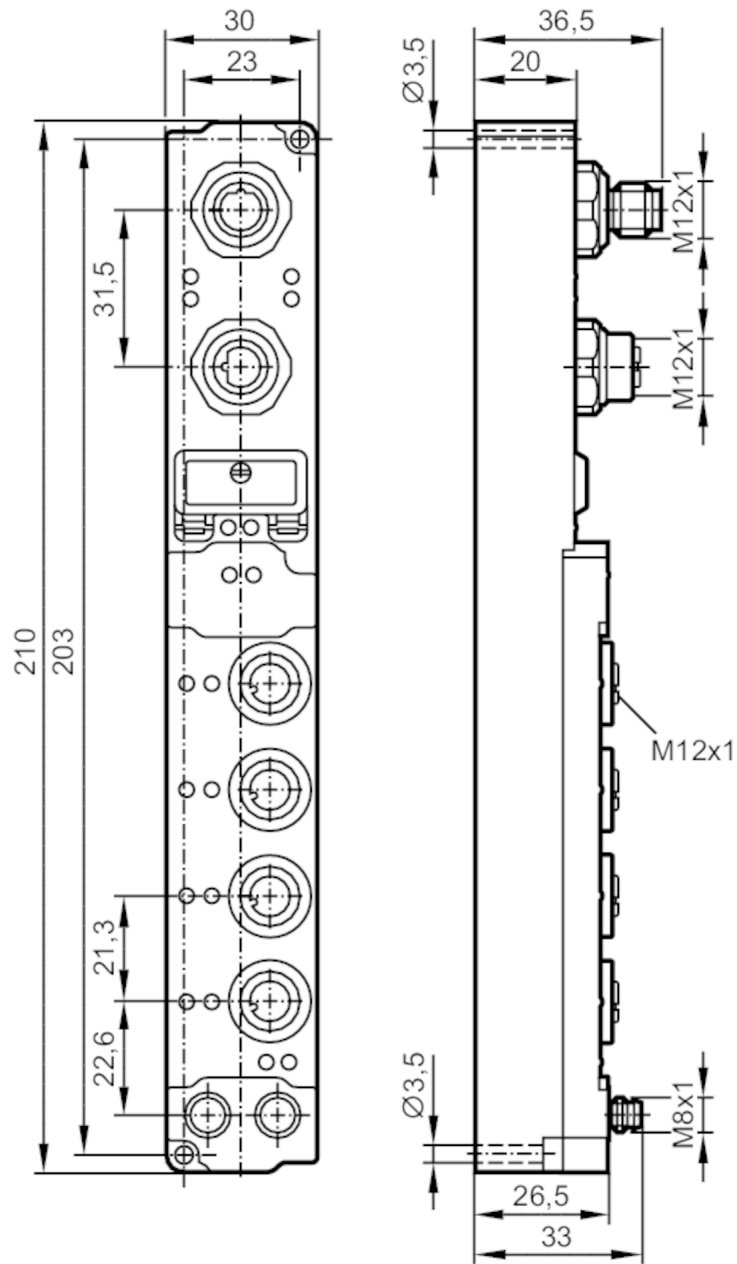
AC2634



I/O module for field applications

FieldModuleDP 4AI (PT100) M12

discontinued article



Product characteristics

Number of inputs and outputs	Number of Pt100 inputs: 4
Measuring range [°C]	-200...850

Electrical data

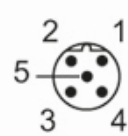
Operating voltage [V]	20...29 DC
Current consumption [mA]	< 110
Electrical separation	no

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Inputs / outputs		
Number of inputs and outputs	Number of Pt100 inputs: 4	
Inputs		
Number of Pt100 inputs	4	
Sensor supply of the inputs	from operating voltage	
Measuring/setting range		
Measuring range [°C]	-200...850	
Note on measuring range	Pt100: -60...250 °C Ni sensors	
Accuracy / deviations		
Measuring error [% of the final value]	< ± 1	
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]	308	
Materials	housing: PA 6; potting compound: PU; contact pins: brass gold-plated	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - PROFIBUS		
Connector: M12		
		

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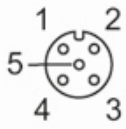
I/O module for field applications

FieldModuleDP 4AI (PT100) M12

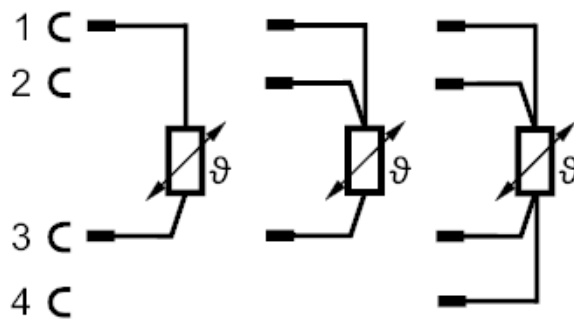
	plug M12 PROFIBUS In
1	not used
2	wire A
3	GND
4	wire B
5	Screen
	socket M12 PROFIBUS Out
1	5 V DC
2	wire A
3	GND
4	wire B
5	Screen

Electrical connection - Process connection

Connector: M12



Connection



	Inputs M12
1	RL +
2	R +
3	RL -
4	R -
5	Screen

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I/O module for field applications

FieldModuleDP 4AI (PT100) M12

Electrical connection - voltage supply

Connector: M8



	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