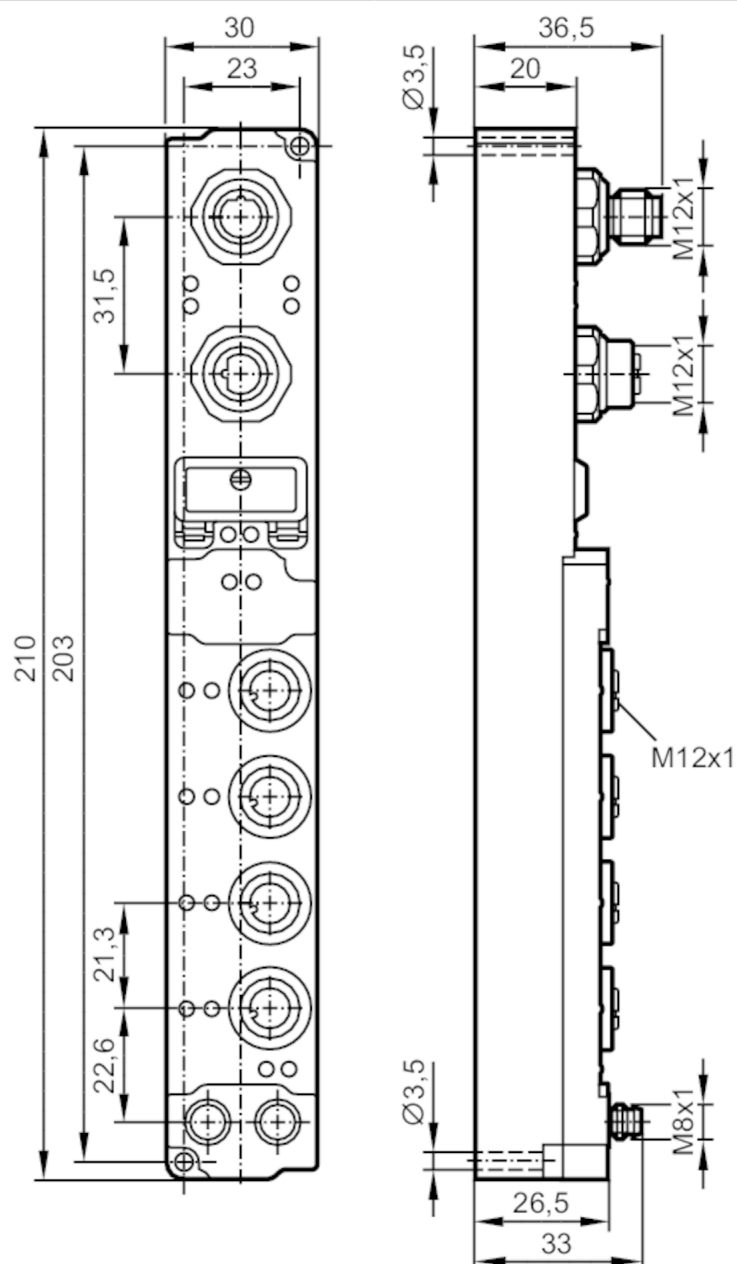


AC2634



I/O module for field applications

FieldModuleDP 4AI (PT100) M12



Electrical data

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

Inputs

Number of Pt100 inputs	4
Sensor supply of the inputs	from operating voltage



I/O module for field applications

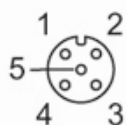
FieldModuleDP 4AI (PT100) M12

Measuring/setting range		
Measuring range	[°C]	-200...850
Note on measuring range		Pt100: -60...250 °C
		Ni sensors
Accuracy / deviations		
Measuring error		< ± 1
[% of the final value]		
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 - Process connection		

Inputs M12

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

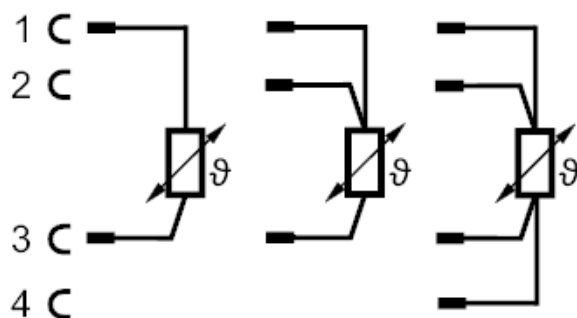
Connector: M12



I/O module for field applications

FieldModuleDP 4AI (PT100) M12

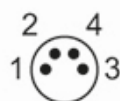
Connection



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 4AI (PT100) 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

