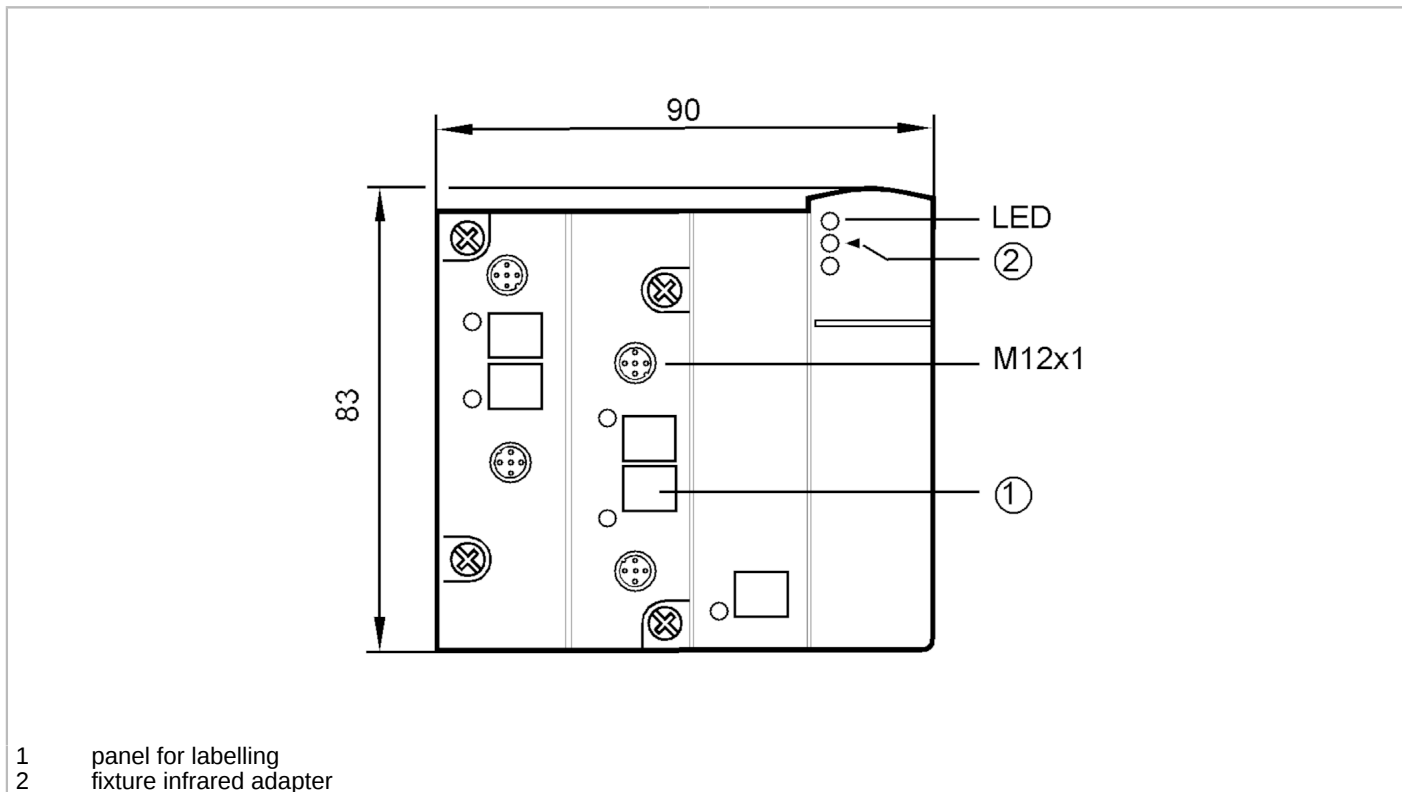


# AC2521



## AS-Interface ClassicLine module

ClassicL90 4AO (C) M12 IP67



Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	24
Reverse polarity protection	yes
Additional voltage supply [V]	24...30 DC; (AUX)
Max. current consumption from additional supply [mA]	550; (AUX)
Inputs / outputs	
Number of inputs and outputs	Number of analog outputs: 4
Inputs	
Precision analog input [%]	0,5
Outputs	
Number of analog outputs	4; (connection of 3-wire actuators)
Analog current output [mA]	0...20
Max. load [Ω]	600
Resolution of analog output	16 (1 bit = 1 μA)
Actuator supply outputs	AUX
Operating conditions	
Ambient temperature [°C]	0...70

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Storage temperature	[°C]	-20...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 67

### Tests / approvals

EMC	EN 50295	
	EN 61000-6-4	: 2001
	EN 61000-6-2	: 2001
MTTF	[years]	150

### AS-i classification

AS-i addressing	Addressing socket; IR addressing possible					
AS-i master profile	M3; M4					
AS-i profile	S-7.3.6					
AS-i I/O configuration	[hex]	7				
AS-i ID code	[hex]	3.6				
Parameter bits	Parameter bit	Description				
	P0	not used				
	P1	not used				
	P2	peripheral fault indication	: 1	activated	/ 0	disabled
	P3	not used				

### Mechanical data

Weight	[g]	206.5
Type of mounting		AS-i interface to FC-E lower parts
Material		PBT
Tightening torque	[Nm]	0.6...0.8

### Displays / operating elements

Display	analog signal	LED, yellow Channels AO1...AO4
	Power	LED, green AS-i, AUX
	errors	LED, red

### Electrical connection

Module connection	Flat cable
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### Accessories

Accessories (optional)	Module lower part
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### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Connector: M12; coding: A



1	AO+ analog output
2	Actuator supply +24 V
3	AO- analog output 0V
4	n.c.
5	functional earth