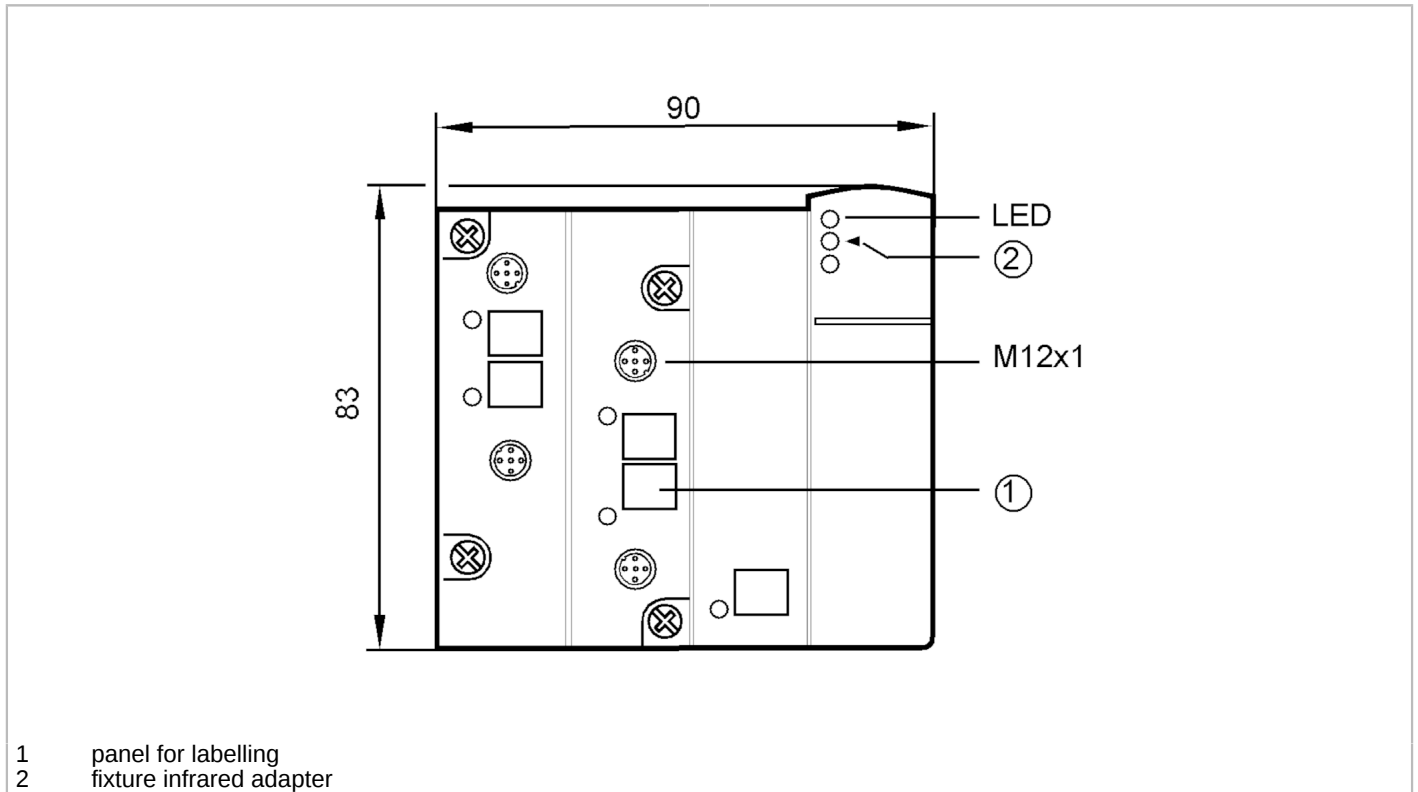


AC2520



AS-Interface ClassicLine module

ClassicL90 4AI(Pt100) M12 IP67



Product characteristics	
Number of inputs and outputs	Number of Pt100 inputs: 4
Measuring range [°C]	-200...850
Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	80
Reverse polarity protection	yes
Max. current load total [A]	0.08
Inputs / outputs	
Number of inputs and outputs	Number of Pt100 inputs: 4
Inputs	
Number of Pt100 inputs	4
Sensor supply of the inputs	AS-i
Digital inputs protected against short circuits	yes
Number of analog inputs	connection of 2- and 4-wire sensors
Resolution of analog input	16 / 0.1 °C
Measuring/setting range	
Measuring range [°C]	-200...850

AC2520



AS-Interface ClassicLine module

ClassicL90 4AI(Pt100) M12 IP67

Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Protection		IP 67

Tests / approvals		
EMC	EN 50295	
	EN 61000-6-4	: 2001
	EN 61000-6-2	: 2001
MTTF	[years]	140

AS-i classification	
AS-i addressing	Addressing socket; IR addressing possible
AS-i master profile	M3; M4
AS-i profile	S-7.3.E
AS-i I/O configuration	[hex] 7
AS-i ID code	[hex] 3.E

Mechanical data	
Weight	[g] 205.55
Type of mounting	AS-i interface to FC lower parts
Material	PBT
Tightening torque	[Nm] 0.6...0.8

Displays / operating elements		
Display	Switching status	LED, yellow Channels AI1...AI4
	Power	LED, green Voltage AS-i - AS-i
	errors	LED, red

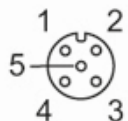
Electrical connection	
Module connection	Flat cable

Accessories	
Accessories (optional)	Module lower part

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: M12; coding: A



- | | |
|---|------------------|
| 1 | S+ |
| 2 | analog input |
| 3 | S- |
| 4 | analog output 0V |
| 5 | functional earth |