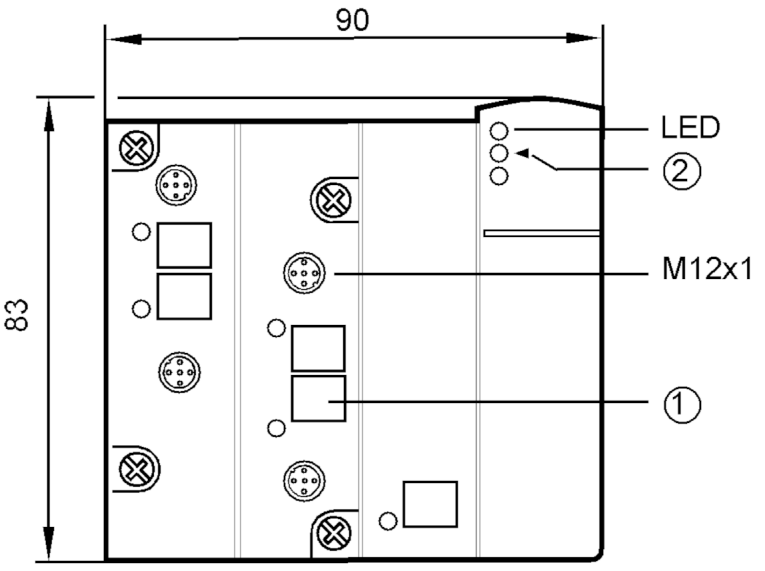
AC2520

AS-Interface ClassicLine module

ClassicL90 4AI(Pt100) M12 IP67



1 panel for labelling
2 fixture infrared adapter

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 analogue inputs		connection of 2- and 4-wire sensors
Resolution		16 / 0.1 °C
Measuring/setting range		
Measuring range	[°C]	-200...850

AC2520

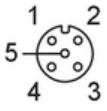
AS-Interface ClassicLine module

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	
Housing		rectangular	
Type of mounting		AS-i interface to FC lower parts	
Dimensions	[mm]	83 x 90 x 44	
Materials		housing: PBT	
Tightening torque	[Nm]	0.6...0.8	
Displays / operating elements			
Display		switching status	LED, yellow channels AI1...AI4
		operation	LED, green Voltage AS-i - AS-i
		errors	LED, red
Electrical connection			
Module connection		Flat cables	
Accessories			
Accessories (optional)		Module lower part	
Remarks			
Pack quantity		1 pcs.	

Electrical connection

Connector: M12; coding: A; Contacts: 5



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