



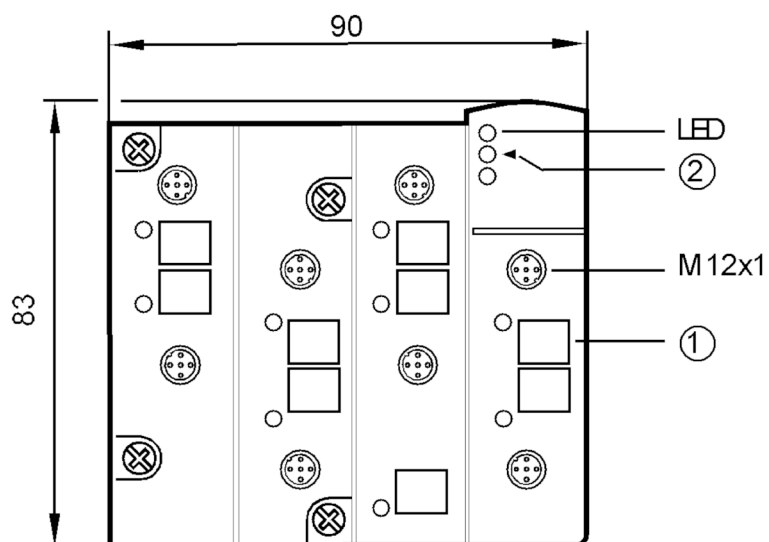
AS-Interface ClassicLine module

ClassicLine90 4DI 4DO T M12

Article no longer available - archive entry

Alternative articles: AC5209

When selecting an alternative article and accessories please note that technical data may differ!



- 1 panel for labelling
2 fixture infrared adapter



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	2
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
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Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30; (via flat cable)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes



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Outputs					
Electrical design	AS-i				
Number of digital outputs	4				
Circuit	PNP				
Voltage range DC [V]	15...30; (to PELV; via flat cable; for cULus the voltage must comply with the values specified in "Limited Voltage/Current")				
Max. current load per output [mA]	1000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1); according to cULus: 700 mA)				
Short-circuit proof	yes				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...70				
Protection	IP 67				
Tests / approvals					
EMC	EN 50295				
AS-i classification					
AS-i version	2.1				
AS-i addressing	IR addressing possible				
Extended addressing mode	no				
AS-i profile	S-7.0.E				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	0.E				
AS-i certificate	39301				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	1	2	3	4
	socket	I-1	I-2	I-3	I-4
	pin	2+4	2+4	2+4	2+4
	Output	1	2	3	4
	socket	O-1	O-2	O-3	O-4
	pin	4	4	4	4
Mechanical data					
Weight [g]	192				
Type of mounting	AS-i interface to FC-E lower parts				
Materials	PBT				
Displays / operating elements					
Display	operation			LED, green	
	errors			LED, red	
	function			LED, yellow	
Accessories					
Accessories (optional)	Module lower part				
Remarks					
Remarks	Inputs and outputs must be electrically isolated.				
	Do not connect any of the following points to an external potential:				
	I-, I+, I1, I2, I3, I4				
	The connections are electrically connected with the AS-i cable.				

AC2509



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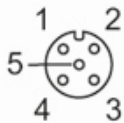
ClassicLine90 4DI 4DO T M12

Pack quantity	1 pcs.
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Electrical connection

contact pins to module lower part, FK-E:

Connector: M12; coding: A



	Inputs
1	Sensor supply L+
2+4	data input internally bridged
3	Sensor supply L-
5	not used
	Outputs
1	not used
2	not used
3	external voltage AUX -
4	switching output +
5	not used