

AC2509



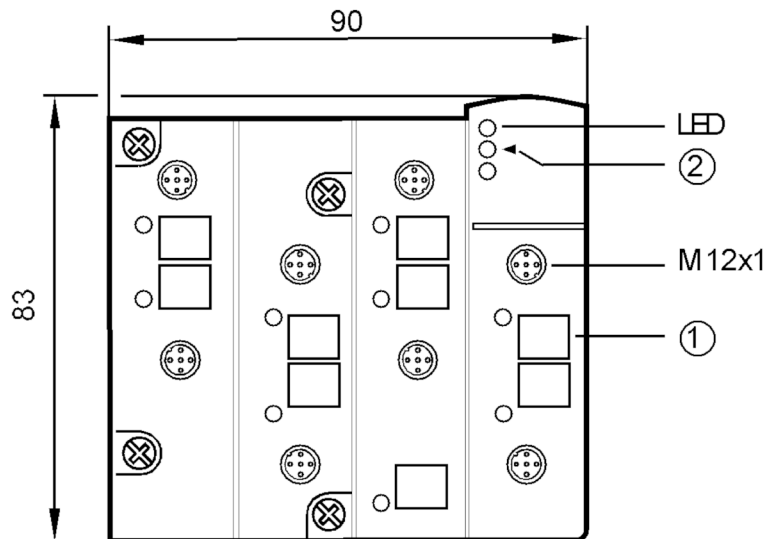
AS-Interface ClassicLine module

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
------------------------------	---

Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage 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



AS-Interface ClassicLine module

ClassicLine90 4DI 4DO T M12

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	<table border="1"> <thead> <tr> <th>data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>input</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>socket</td> <td>I-1</td> <td>I-2</td> <td>I-3</td> <td>I-4</td> </tr> <tr> <td>pin</td> <td>2+4</td> <td>2+4</td> <td>2+4</td> <td>2+4</td> </tr> <tr> <td>Output</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>socket</td> <td>O-1</td> <td>O-2</td> <td>O-3</td> <td>O-4</td> </tr> <tr> <td>pin</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </tbody> </table>	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
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	housing: PBT																																			
Displays / operating elements																																				
Display	operation	LED, green																																		
	errors	LED, red																																		
	function	LED, yellow																																		
Accessories																																				
Accessories (optional)	Module lower part																																			
Remarks																																				
Remarks	<p>Inputs and outputs must be electrically isolated.</p> <p>Do not connect any of the following points to an external potential:</p> <p>I-, I+, I1, I2, I3, I4</p> <p>The connections are electrically connected with the AS-i cable.</p>																																			

AC2509



AS-Interface ClassicLine module

ClassicLine90 4DI 4DO T M12

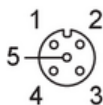
Pack quantity

1 pcs.

Electrical connection

contact pins to module lower part, FK-E:

Connector: M12; coding: A; Contacts: 4



	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