AC2515

AS-Interface ClassicLine module

ClassicLine 4DI M12

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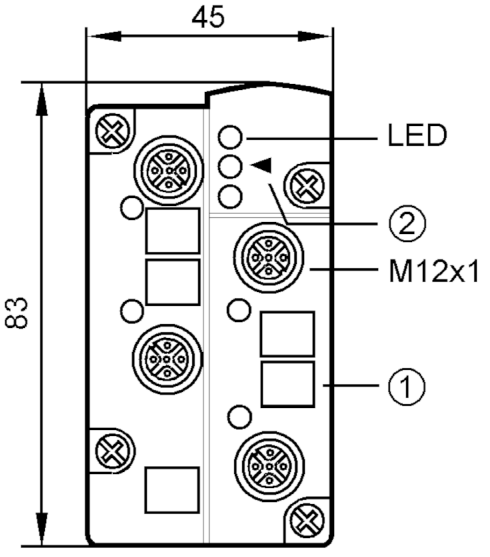

1 panel for labelling
2 fixture infrared adapter

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	150
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4
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]	100
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				
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		yes				
AS-i master profile		M2; M3; M4				
AS-i profile		S-0.A.E				
AS-i I/O configuration	[hex]	0				
AS-i ID code	[hex]	A.E				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	1	2	3	4
		socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4
		pin	4	2 4	4	2 4
Mechanical data						
Weight	[g]	111.8				
Type of mounting		AS-i interface to FC 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		Do not connect any of the following points to an external potential:				
		I-, I+, I-1/2, I-2, I-3/4, I-4				
		The connections are electrically connected with the AS-i cable.				
Pack quantity		1 pcs.				

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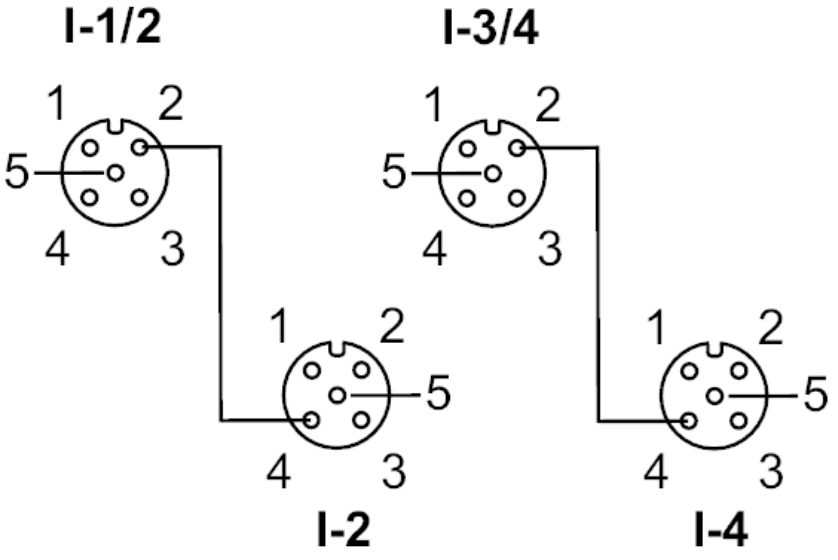
Electrical connection

contact pins to module lower part, FK / PG:

Connection



Connector: M12

	Inputs
	socket I-1/2
1	Sensor supply L+
2	data input 2
3	Sensor supply L-
4	data input 1
5	not used
	socket I-2
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 2
5	not used
	socket I-3/4
1	Sensor supply L+
2	data input 4
3	Sensor supply L-
4	data input 3
5	not used
	socket I-4
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 4
5	not used