

# AC2502



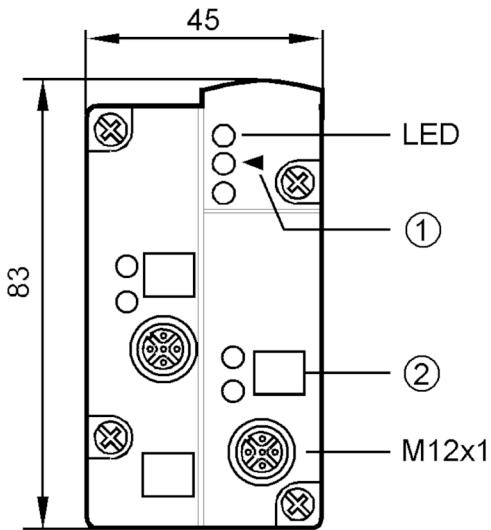
## AS-Interface ClassicLine module

ClassicLine45 2x(2DI/1DO T)M12

Article no longer available - archive entry

Alternative articles: AC5202

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



- 1 fixture infrared adapter  
2 panel for labelling



### Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	150
Max. current load total	[A]	0.1; (total current for both outputs and sensor supply from AS-i: 100 mA)
Integrated watchdog		yes

### Inputs

Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	21...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

### Outputs

Electrical design	AS-i
Circuit	PNP

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Voltage range DC	[V]	AS-i																																			
Max. current load per output	[mA]	100																																			
Short-circuit proof		yes																																			
Electrically separated		no																																			
<b>Operating conditions</b>																																					
Ambient temperature	[°C]	-25...70																																			
Protection		IP 67																																			
<b>Tests / approvals</b>																																					
EMC		EN 50295																																			
<b>AS-i classification</b>																																					
AS-i version		2.1																																			
Extended addressing mode		yes																																			
AS-i profile		S-7.A.E																																			
AS-i I/O configuration	[hex]	7																																			
AS-i ID code	[hex]	A.E																																			
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-1/2</td><td>I-1/2</td><td>I-3/4</td><td>I-3/4</td></tr><tr><td>pin</td><td>4</td><td>2</td><td>4</td><td>2</td></tr><tr><td>Output</td><td>1</td><td>2</td><td>-</td><td>-</td></tr><tr><td>socket</td><td>I-1/2</td><td>I-3/4</td><td>-</td><td>-</td></tr><tr><td>pin</td><td>2</td><td>2</td><td>-</td><td>-</td></tr></tbody></table>	data bit	D0	D1	D2	D3	input	1	2	3	4	socket	I-1/2	I-1/2	I-3/4	I-3/4	pin	4	2	4	2	Output	1	2	-	-	socket	I-1/2	I-3/4	-	-	pin	2	2	-	-
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<b>Mechanical data</b>																																					
Weight	[g]	107.4																																			
Type of mounting		AS-i interface to FC and SC lower parts																																			
Materials		PBT																																			
<b>Displays / operating elements</b>																																					
Display	operation	LED, green																																			
	errors	LED, red																																			
	function	LED, yellow																																			
<b>Accessories</b>																																					
Accessories (optional)		Module lower part																																			
<b>Remarks</b>																																					
Remarks	Do not connect any of the following points to an external potential: I-1/2, I-3/4																																				
	The connections are electrically connected with the AS-i cable.																																				
Pack quantity		1 pcs.																																			

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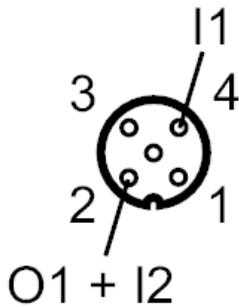
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### Electrical connection

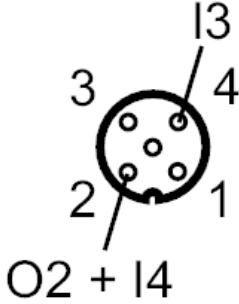
contact pins to module lower part, FK / PG:

#### Connection

I-1/2



I-3/4



Connector: M12