

# AC2509



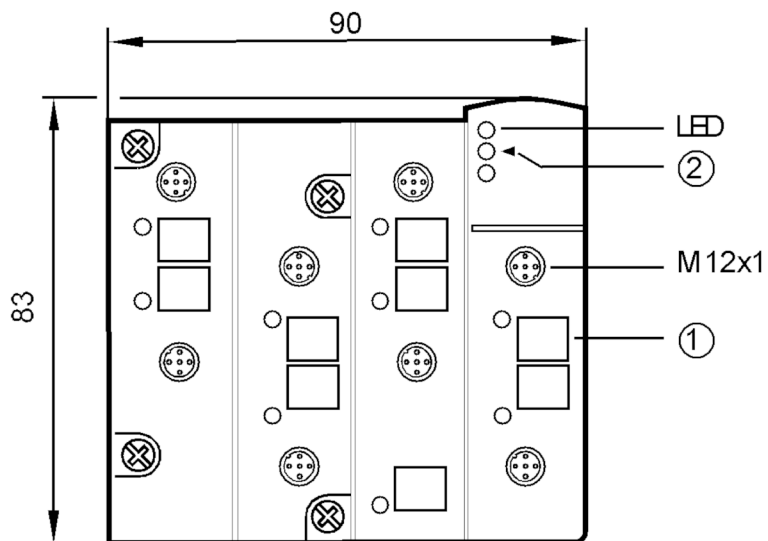
## AS-Interface ClassicLine module

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
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ClassicLine90 4DI 4DO T M12

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				
Min. switching level high signal [V]	11				
Digital inputs protected against short circuits	yes				
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; (utilization 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				
MTTF [years]	171				
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				
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



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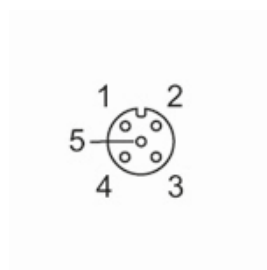
ClassicLine90 4DI 4DO T M12

Mechanical data		
Weight	[g]	192
Type of mounting		AS-i interface to FC-E lower parts
Material		PBT
Displays / operating elements		
Display	Power	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	
Pack quantity	The connections are electrically connected with the AS-i cable.	
	1 pcs.	

### Electrical connection

contact pins to module lower part, FK-E:

Connector: M12



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