

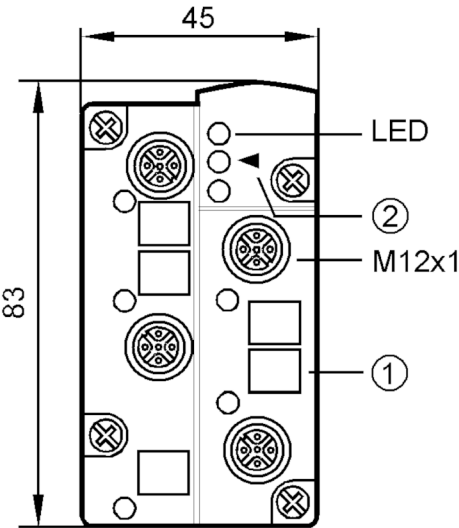


AS-Interface ClassicLine module

ClassicL45 2DI 2DO T M12

Article no longer available - archive entry

Alternative articles: AC507A + E7000A
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]	150
Max. current load total	[A]	2
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of digital outputs: 2
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30
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				
Number of digital outputs	2				
Circuit	PNP				
Voltage range DC [V]	15...30; (to PELV)				
Max. current load per output [mA]	1000; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))				
Short-circuit proof	yes				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	0...40				
Protection	IP 67				
Tests / approvals					
ATEX marking	 II 3G EEx nA II T6 X				
	 II 3D T60 °C IP 67 X				
EMC	EN 50295				
AS-i classification					
AS-i profile	S-3.0.E				
AS-i I/O configuration [hex]	3				
AS-i ID code [hex]	0.E				
AS-i certificate pending	yes				
Data bits	Data bit	D0	D1	D2	D3
	Socket	I-1	I-2	O-3	O-4
	Pin	2+4	2+4	4	4
Mechanical data					
Type of mounting	AS-i interface to FC-E lower parts				
Dimensions [mm]	45 x 83 x 25				
Material	PBT				
Displays / operating elements					
Display	Power			LED, green	
	errors			LED, red	
	Function			LED, yellow	
Accessories					
Items supplied	AC5003				
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				
	The connections are electrically connected with the AS-i cable.				
	Use M12 connectors with hexagon nuts, tightening torque 0.8 Nm.				
Pack quantity	1 pcs.				



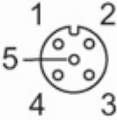
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Electrical connection

contact pins to module lower part, FK-E:

Connector: M12; coding: A

A diagram of an M12 connector with five pins arranged in a circle. The pins are numbered 1 through 5. Pin 1 is at the top, pin 2 is at the top-right, pin 3 is at the bottom-right, pin 4 is at the bottom, and pin 5 is at the top-left. A horizontal line connects pin 2 and pin 4, indicating they are internally bridged.

	Inputs
1	Sensor supply L+
2+4	Data input internally bridged
3	Sensor supply L-