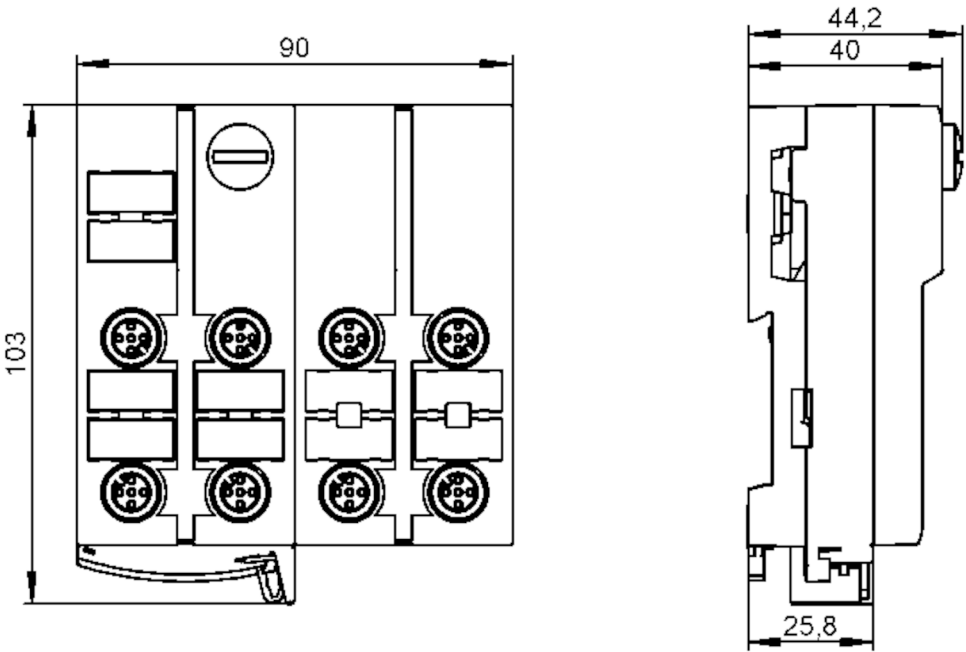


AC5275



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 4DO-Y IP67



Application		
Design	Only for operation with AS-i masters with the profile M4	
Application	field installation	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC; (cULus - Class 2 source required)
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

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Outputs

Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	15...30; (to PELV; via flat cable)
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
Actuator supply outputs	AUX

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

EMC	EN 50295	
	IEC 61000-6-2	
MTTF [years]		155

AS-i classification

AS-i version	3.0				
AS-i addressing	Addressing socket				
Extended addressing mode	yes				
AS-i master profile	M4				
AS-i profile	S-7.A.7				
AS-i I/O configuration	[hex]	7			
AS-i ID code	[hex]	A.7			
Data bits	Data bit	D0	D1	D2	D3
	Input	1	2	3	4
	Socket	I-1	I-2	I-3	I-4
	Pin	4	4	4	4
	Output	1	2	3	4
	Socket	O-1/2	O-1/2 O-2	O-3/4	O-3/4 O-4
	Pin	4	2 4	4	2 4

Mechanical data

Weight	[g]	291.5
Type of mounting		AS-i flat cable connection
Material		PA; Piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements

Display	Power	LED, green
	errors	LED, red
	Function	LED, yellow

Electrical connection

Module connection	Flat cable
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Accessories

Items supplied	lower part
Accessories (optional)	Protective cap: M12, E73004



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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
	The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection
quick mounting technology for AS-i flat cable: ; three selectable directions

Electrical connection - Inputs

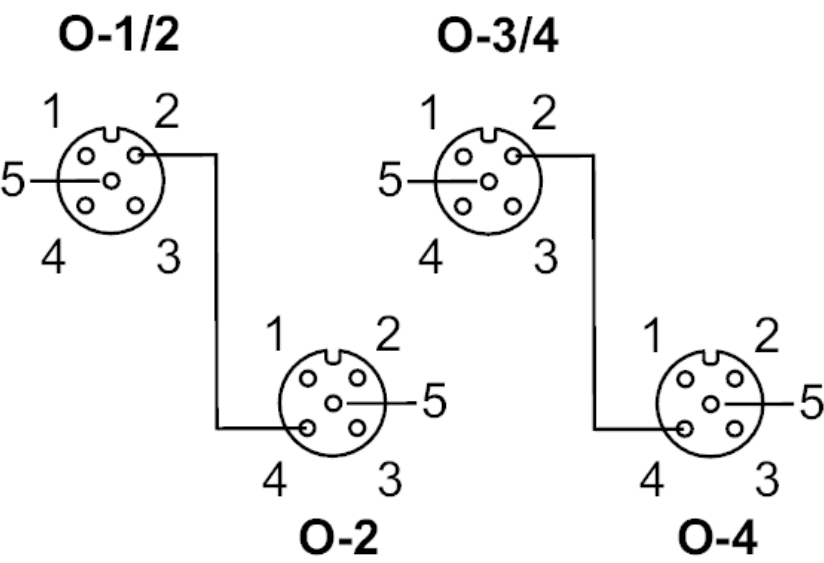
Connector: M12; coding: A

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	Inputs
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	Data input
5	not used

Electrical connection - Outputs

Connection





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Connector: M12

Outputs	
Socket O-1/2	
1	not used
2	Switching output 2
3	External voltage AUX -
4	Switching output 1
5	not used
Socket O-2	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 2
5	not used
Socket O-3/4	
1	not used
2	Switching output 4
3	External voltage AUX -
4	Switching output 3
5	not used
Socket O-4	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 4
5	not used