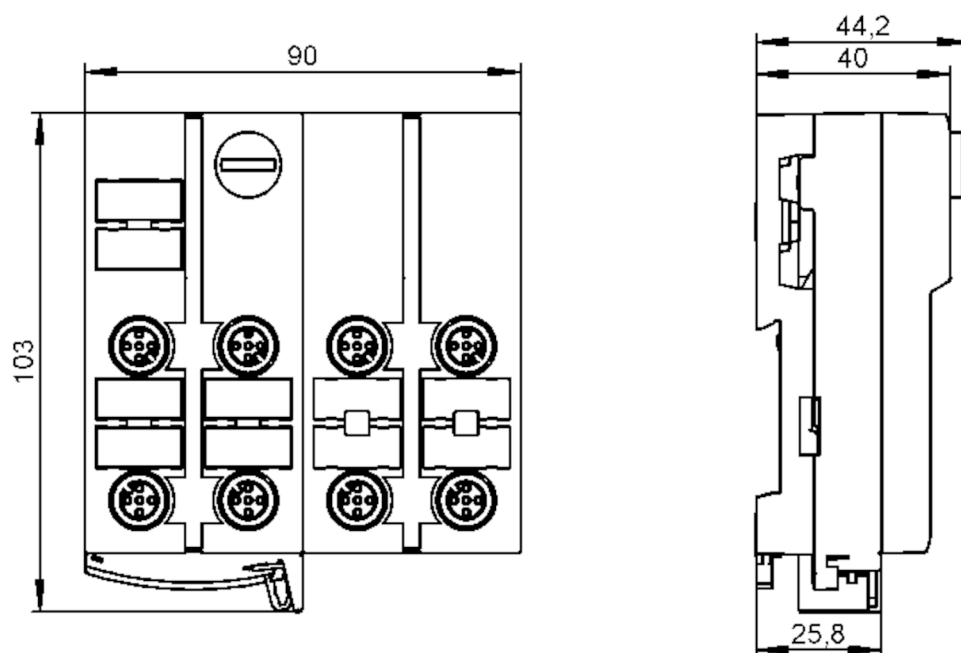


AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 4DO-Y

Article no longer available - archive entry



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	290
Max. current load total	[A]	4
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; (bidirectional)
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Подача напруги	[V]	18...30; (via flat cable)
Max. total current rating of inputs	[mA]	240
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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ClassicLine 4DI-Y 4DO-Y

Outputs					
Electrical design	AS-i				
Number of digital outputs	4				
Circuit	PNP				
Voltage range DC [V]	15...30; (to PELV; via flat cable)				
Max. current load per output [mA]	2000; (utilisation category DC-13 (control of electromagnets): 40 W (IEC 60947-5-1))				
Short-circuit proof	yes				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...50				
Protection	IP 67				
Tests / approvals					
EMC	EN 50295				
	IEC 61000-6-2				
AS-i classification					
AS-i version	3.0				
AS-i addressing	addressing socket				
Розширений режим адресації	yes				
AS-i profile	S-7.A.7				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	A.7				
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
	Output	1	2	3	4
	socket	O-1/2	O-1/2 O2	O-3/4	O-3/4 O-4
	pin	4	2 4	4	2 4
Mechanical data					
Weight [g]	307				
Type of mounting	AS-i flat cables directly connectable				
Materials	PA; piercing contacts: CuSn6 nickel-plated and tin-plated				
Displays / operating elements					
Display	operation		LED, green		
	errors		LED, red		
	function		LED, yellow		
Аксессуары					
Items supplied	lower part				
Accessories (optional)	Protective cap: M12, E73004				



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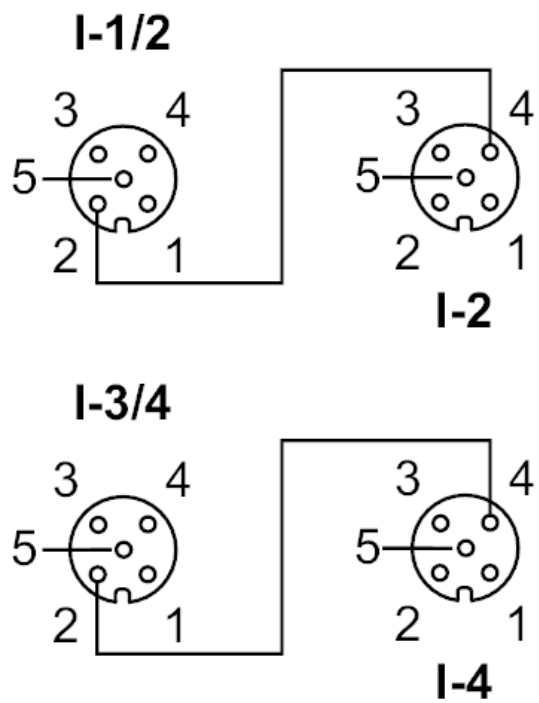
Remarks	
Remarks	Inputs and outputs must be electrically isolated.
	Do not connect any of the following points to an external potential:
	I-, I+, I1, I2, I3, I4
	The connections are electrically connected with the AS-i cable.
	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

quick mounting technology for AS-i flat cable: ; three orientations possible

Electrical connection - Inputs

Connection



Connector: 4 x M12	
1	Sensor supply L+
3	Sensor supply L-

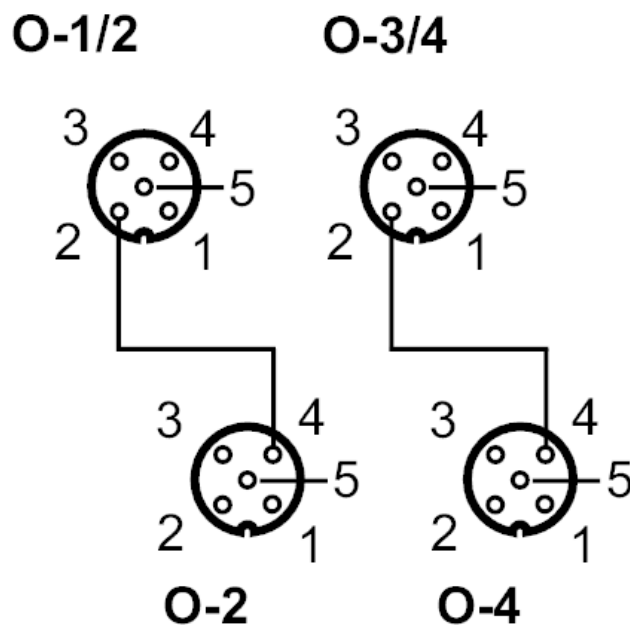


AS-Interface ClassicLine module with quick mounting technology

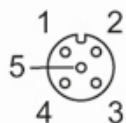
ClassicLine 4DI-Y 4DO-Y

Electrical connection - Outputs

Connection



Connector: 4 x M12; coding: A



3 external voltage -
4 switching output +