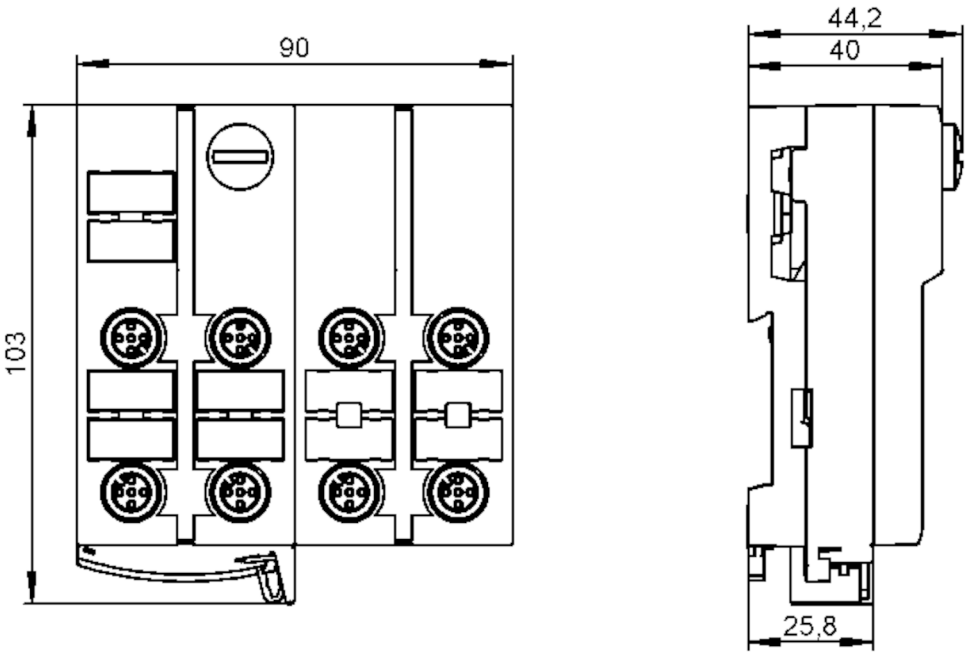




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX 4DO-Y



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; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	30
Max. current load total	[A]	3
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		AUX
Подача напруги	[V]	20...30; (via flat cable)
Max. total current rating of inputs	[mA]	1000
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Electrically separated		yes



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX 4DO-Y

Digital inputs protected against short circuits	yes
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Outputs

Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	20...30; (to PELV; via flat cable)
Max. current load per output [mA]	1000; (utilisation 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	

AS-i classification

AS-i version	3.0				
AS-i addressing	addressing socket				
Розширений режим адресації	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				
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]	289
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 Voltage AUX > 7 V
	errors	LED, red AUX 15 V ± 2 V
	function	LED, yellow

Electrical connection

Module connection	Приладдя
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Аксессуары

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



AS-Interface ClassicLine module with quick mounting technology

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Remarks

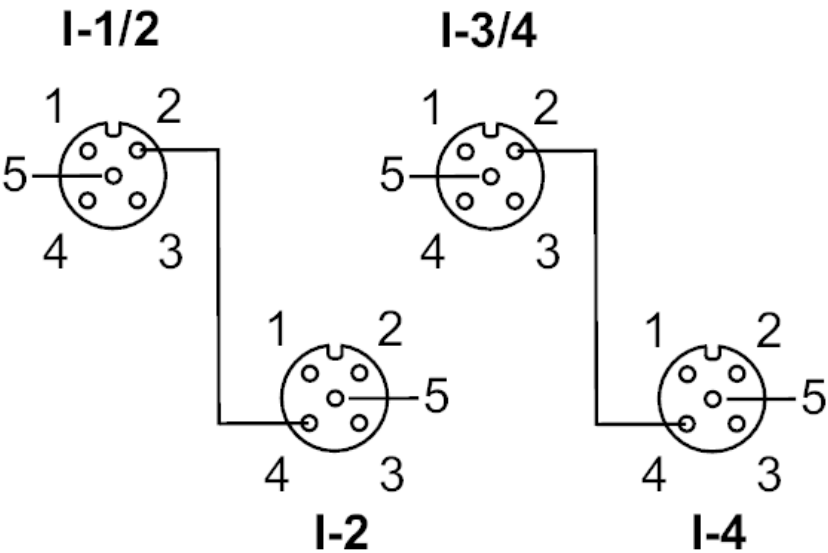
Pack quantity	1 pcs.
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Electrical connection

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

Electrical connection - Inputs

Connection





AS-Interface ClassicLine module with quick mounting technology

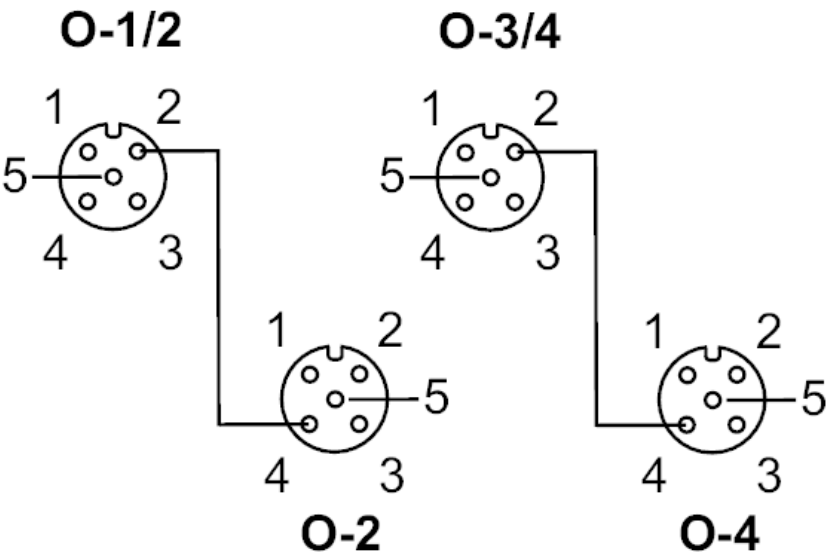
ClassicLine 4DI-Y AUX 4DO-Y

Connector: M12

	Inputs
	socket I-1/2
1	Sensor supply L+
2	data input 2
3	Sensor supply L-
4	data input 1
5	not used
	socket I-2
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 2
5	not used
	socket I-3/4
1	подача напруги L+
2	data input 4
3	Sensor supply L-
4	data input 3
5	not used
	socket I-4
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 4
5	not used

Electrical connection - Outputs

Connection





AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX 4DO-Y

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