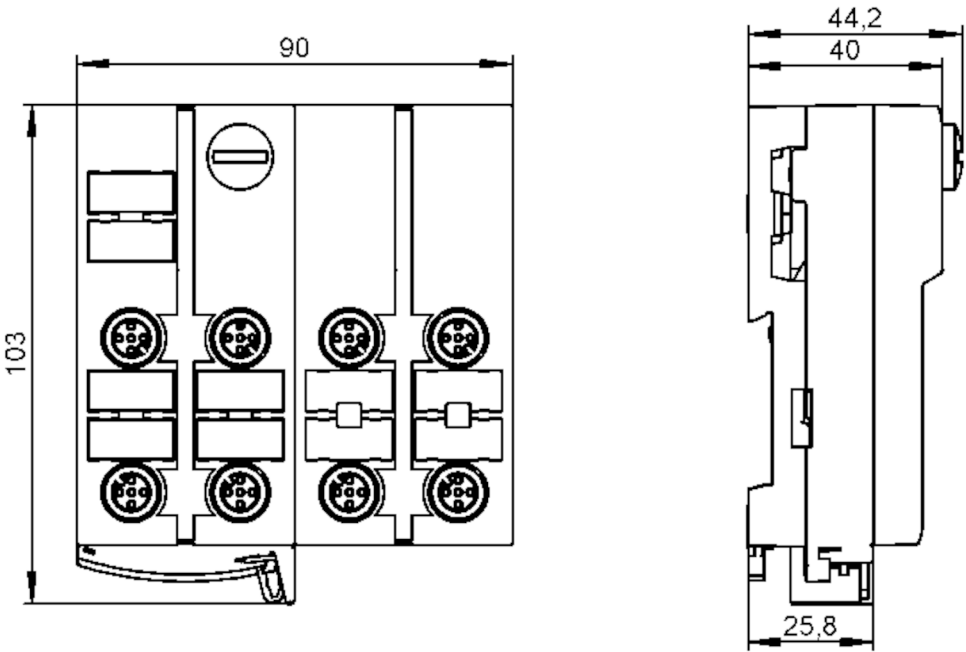




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX 3DO-Y



Application	
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: 3
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
Digital inputs protected against short circuits	yes



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ClassicLine 4DI-Y AUX 3DO-Y

Outputs									
Number of digital outputs		3							
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							
MTTF [ANN]		166							
AS-i classification									
AS-i version		2.11; 3.0							
AS-i addressing		addressing socket							
Розширений режим адресації		yes							
AS-i master profile		M2; M3; M4							
AS-i profile		S-7.A.E							
AS-i I/O configuration [hex]		7							
AS-i ID code [hex]		A.E							
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	-		
		pin		4	2 4	4	-		
Assignment of the parameter bits		parameter bit	Designation						
		P0	not used						
		P1	peripheral fault indication	: 1	activated	* / 0	deactivated		
		P2	not used						
		P3	not used						
Mechanical data									
Weight [g]		289.5							
Type of mounting		AS-i flat cables directly connectable							
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated							



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Displays / operating elements		
Display	operation	LED, green Voltage AUX > 7 V
	errors	LED, red AUX 15 V ± 2 V
	function	LED, yellow

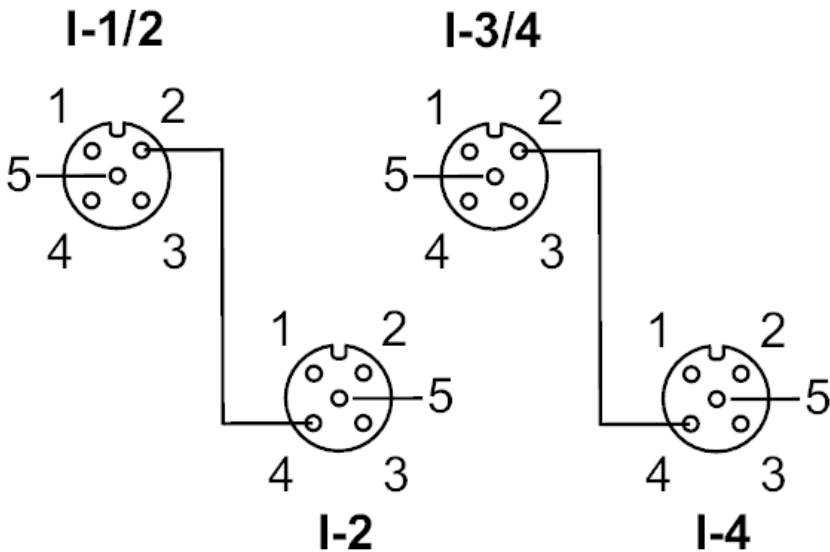
Electrical connection	
Module connection	Приладдя

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

Remarks	
Pack quantity	1 pcs.

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

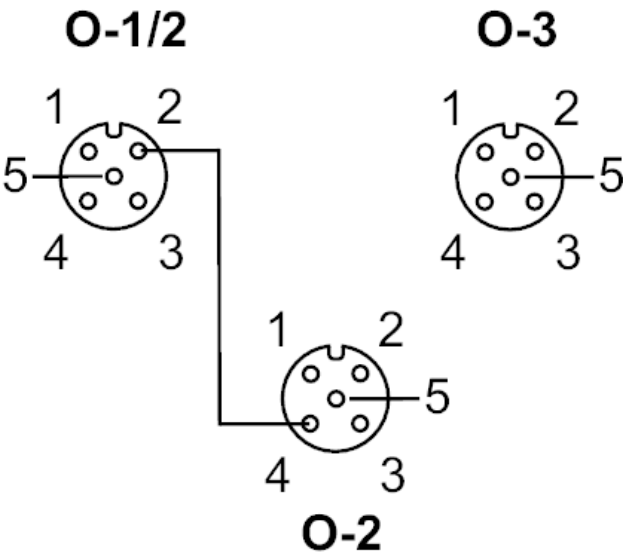
ClassicLine 4DI-Y AUX 3DO-Y

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 3DO-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	
1	not used
2	not used
3	external voltage AUX -
4	switching output 3
5	not used