



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX 3DO-Y



Application		
Design		housing for DIN rail mounting
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]	30
Additional voltage supply	[V]	20...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	4000
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
Voltage supply	[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



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Digital inputs protected against short circuits	yes				
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; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))				
Max. current load outputs total [A]	3				
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]	166				
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	Addressing socket				
Extended addressing mode	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				
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	-
Parameter bits	Parameter bit	Description			
	P0	not used			
	P1	peripheral fault indication	: 1	activated * / 0	disabled
	P2	not used			
	P3	not used			
Mechanical data					
Weight [g]	289.5				
Housing	rectangular				
Type of mounting	quick mounting; AS-i flat cable connection; Mounting on DIN rail; (TH35 (EN 60715))				



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Dimensions	[mm]	103 x 90 x 44.2
Material	PA; Piercing contacts: CuSn6 nickel-plated and tin-plated	

Displays / operating elements

Display	Power	LED, green Voltage AUX > 7 V
	errors	LED, red AUX 15 V ± 2 V
	Function	LED, yellow

Electrical connection

Module connection	Flat cable
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Accessories

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

Remarks

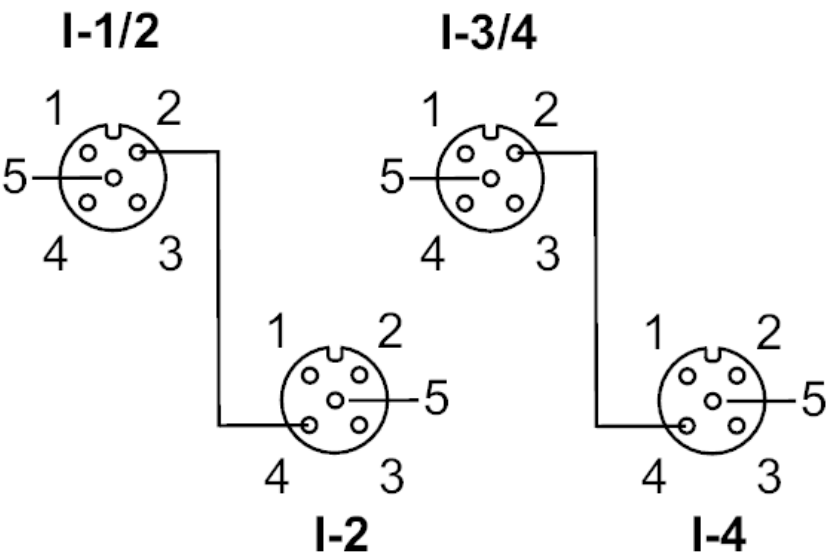
Pack quantity	1 pcs.
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Electrical connection

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

Electrical connection - Inputs

Connection





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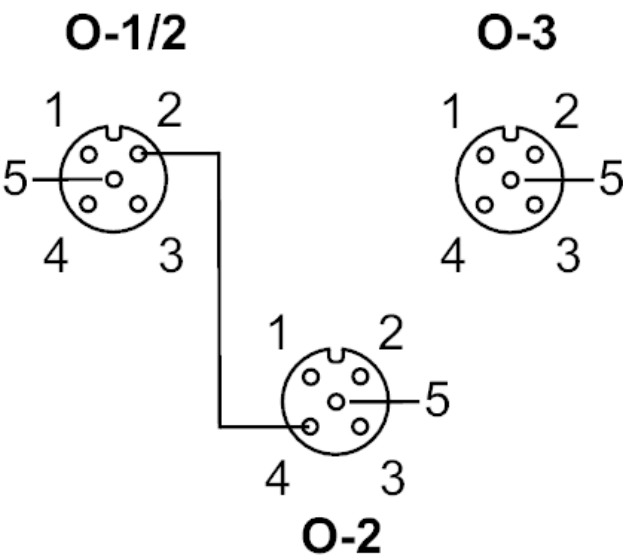
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Connector: M12

	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	voltage supply 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





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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	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 3
5	not used