

AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y IP67



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	0.2
Integrated watchdog		yes

Inputs

Number of digital inputs		2
Input circuit of digital inputs		PNP
voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	200; (current load for all inputs and outputs: 200 mA)
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Min. switching level high signal	[V]	11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i



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Outputs					
Number of digital outputs	2				
Beschaltung	PNP				
Voltage range DC	18...30				
Max. current load per output [mA]	200; (current load for all inputs and outputs: 200 mA)				
Short-circuit proof	yes				
Electrically separated	no				
Operating conditions					
Ambient temperature [°C]	-25...70				
Protection	IP 67				
Tests / approvals					
EMC	EN 50295				
	IEC 61000-6-2				
MTTF [years]	318				
AS-i classification					
AS-i version	2.11 + 3.0				
AS-i addressing	addressing socket				
Extended addressing mode possible	yes				
AS-i profile	S-B.A.E				
AS-i I/O configuration [hex]	B				
AS-i ID code [hex]	A.E				
AS-i certificate pending	yes				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	-	-	3	4
	socket	-	-	I-3/4	I-3/4 I-4
	pin	-	-	4	2 4
	Output	1	2	-	-
	socket	O-1/2	O-1/2 / O-2	-	-
	pin	4	2 4	-	-
Mechanical data					
Weight [g]	183.2				
Materials	PA; piercing contacts: CuSn6 nickel-plated and tin-plated;				
Displays / operating elements					
Display	operation		LED, green		
	errors		LED, red		
	function		LED, yellow		
Accessories					
Accessories (supplied)	lower part				
Accessories (optional)	Protective cap: M12, E73004				
Remarks					
Pack quantity	1 pcs.				

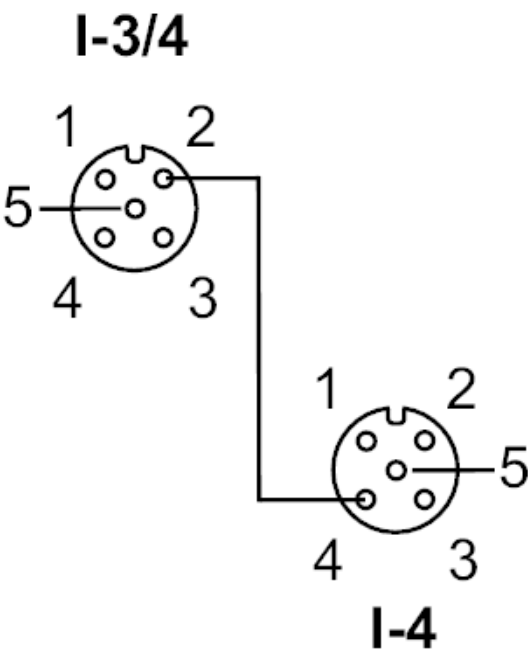


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Electrical connection - Inputs

Connection



Inputs	
socket I-3/4	
1	Sensor 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

Connector: M12

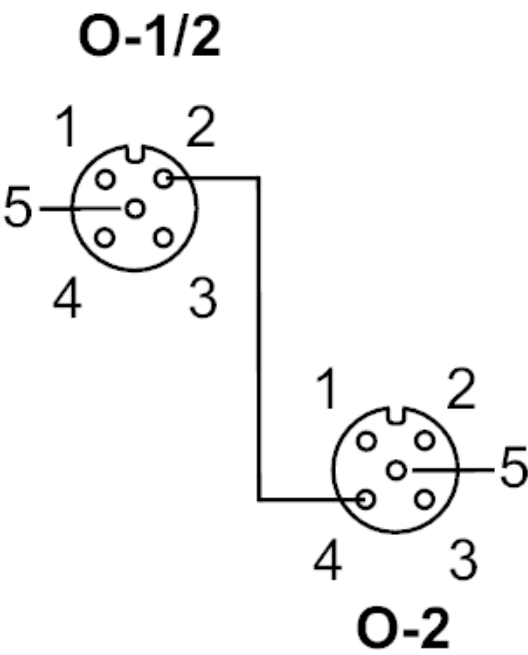


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Electrical connection - Outputs

Connection



Outputs	
socket O-1/2	
1	not used
2	switching output 2
3	Voltage L -
4	switching output 1
5	not used
socket O-2	
1	not used
2	not used
3	Voltage L -
4	switching output 2
5	not used

Connector: M12

Electrical connection

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