

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX IP67



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	30

Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
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
Min. switching level high signal [V]	11
Digital inputs protected against short circuits	yes
Sensor supply of the inputs	to PELV

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

EMC	EN 50295	
	IEC 61000-6-2	
MTTF	[years]	225



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AS-i classification								
AS-i version		2.11 + 3.0						
AS-i addressing		addressing socket						
Extended addressing mode possible		yes						
AS-i profile		S-0.A.E						
AS-i I/O configuration [hex]		0						
AS-i ID code [hex]		A.E						
AS-i certificate pending		yes						
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		
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]		170.4						
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			
Accessories								
Accessories (supplied)		lower part						
Accessories (optional)		Protective cap: M12, E73004						
Remarks								
Pack quantity		1 pcs.						



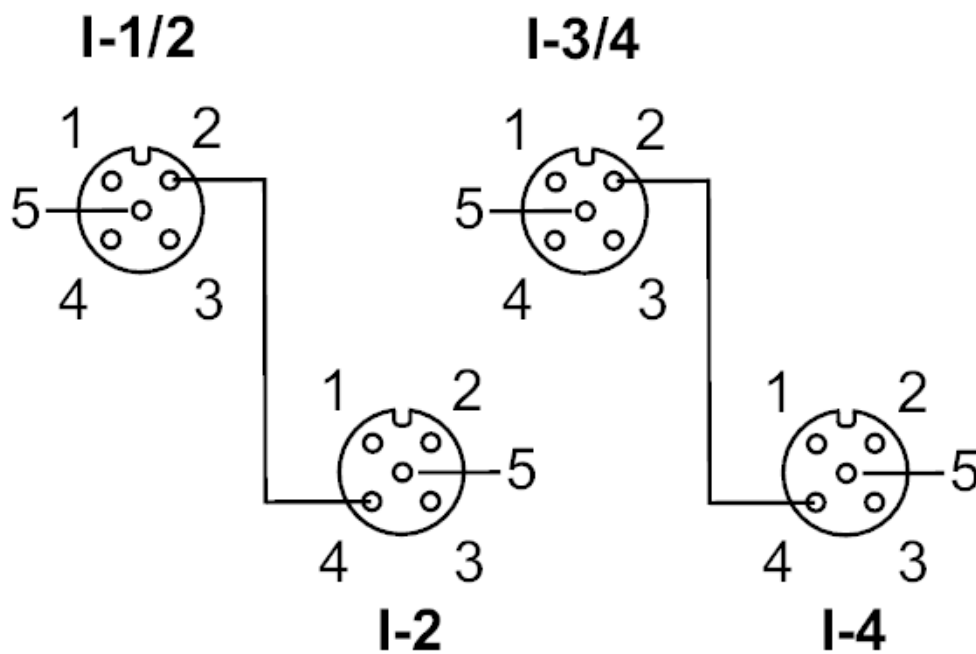
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Electrical connection

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

Connection





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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

Connector: M12