



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX IP67



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
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AUX
Power 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
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67



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Tests / approvals						
EMC	EN 50295					
	IEC 61000-6-2					
MTTF	[years]	225				
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-0.A.E					
AS-i I/O configuration	[hex]	0				
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	
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]	173				
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	Flat cables					
Accessories						
Items supplied	lower part					
Accessories (optional)	Protective cap: M12, E73004					
Remarks						
Pack quantity	1 pcs.					



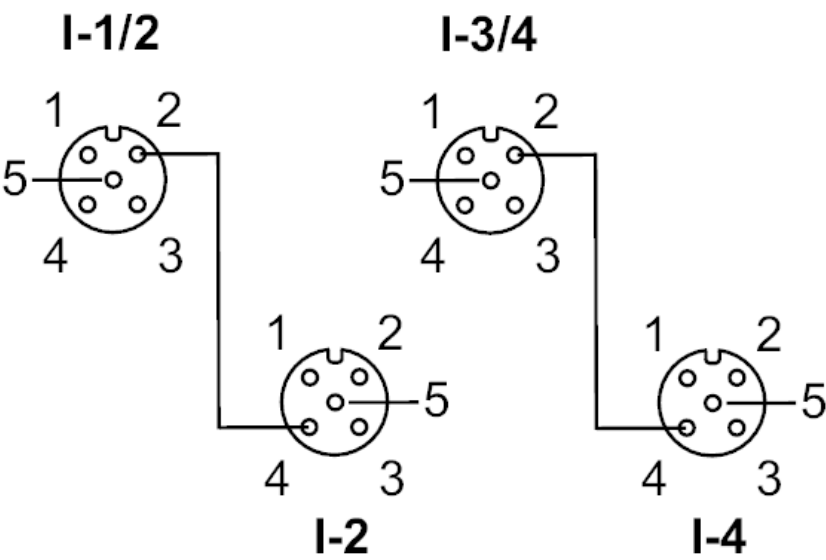
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Electrical connection

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

Connection



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	power 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