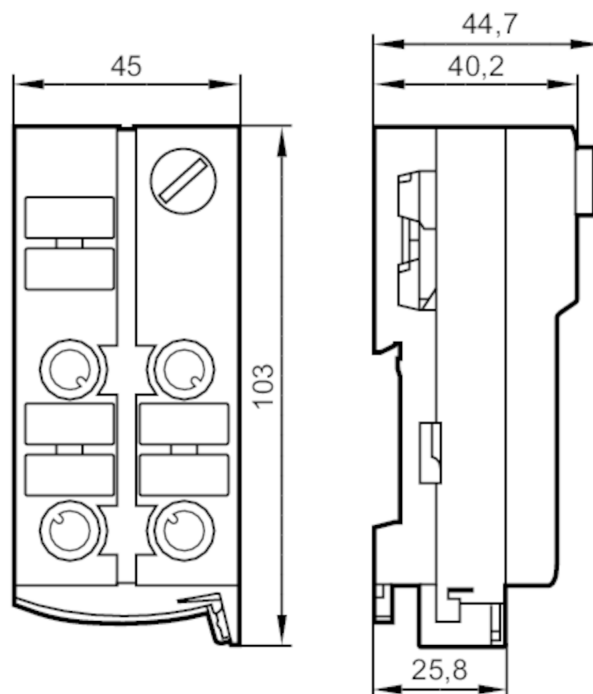


AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67


Application

Application

field installation

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250

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		AS-i
Voltage supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	200
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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

Tests / approvals					
EMC	EN 50295				
	IEC 61000-6-2				
MTTF	[years]	405			
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	addressing socket				
Extended addressing mode	yes				
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
Mechanical data					
Weight	[g]	155.6			
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	
	errors			LED, red	
	function			LED, yellow	
Electrical connection					
Module connection	Flachkabel				
Accessories					
Items supplied	lower part				
Accessories (optional)	Protective cap: M12, E73004				
Remarks					
Remarks	Do not connect any of the following points to an external potential:				
	I-, I+, I-1/2, I-2, I-3/4, I-4				
	The connections are electrically connected with the AS-i cable.				
Pack quantity	operating voltage "supply class 2" according to cULus				
	1 pcs.				

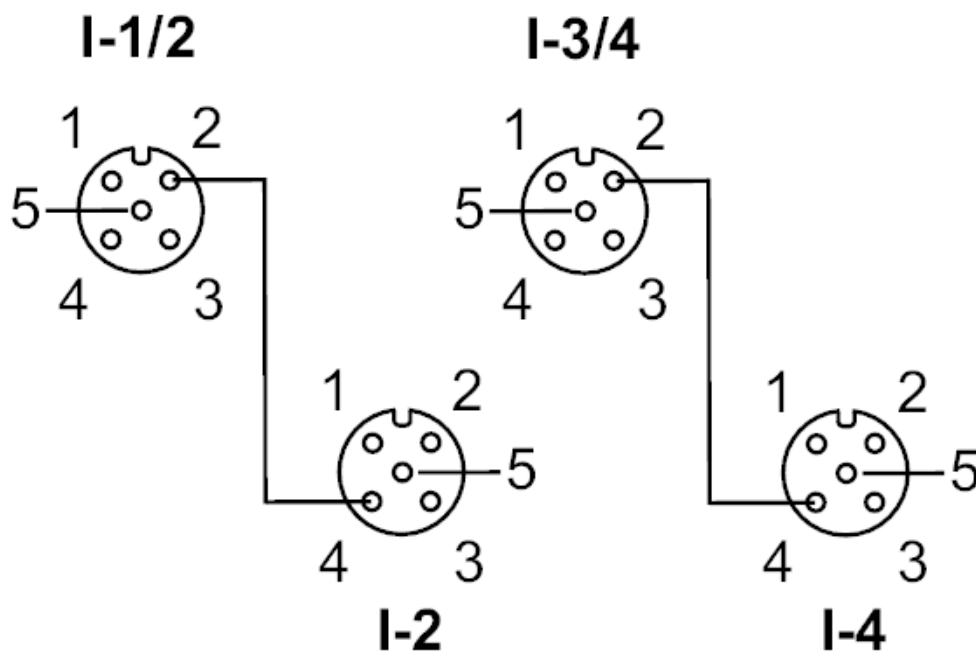
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

Electrical connection

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

Connection



Connector: M12



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

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