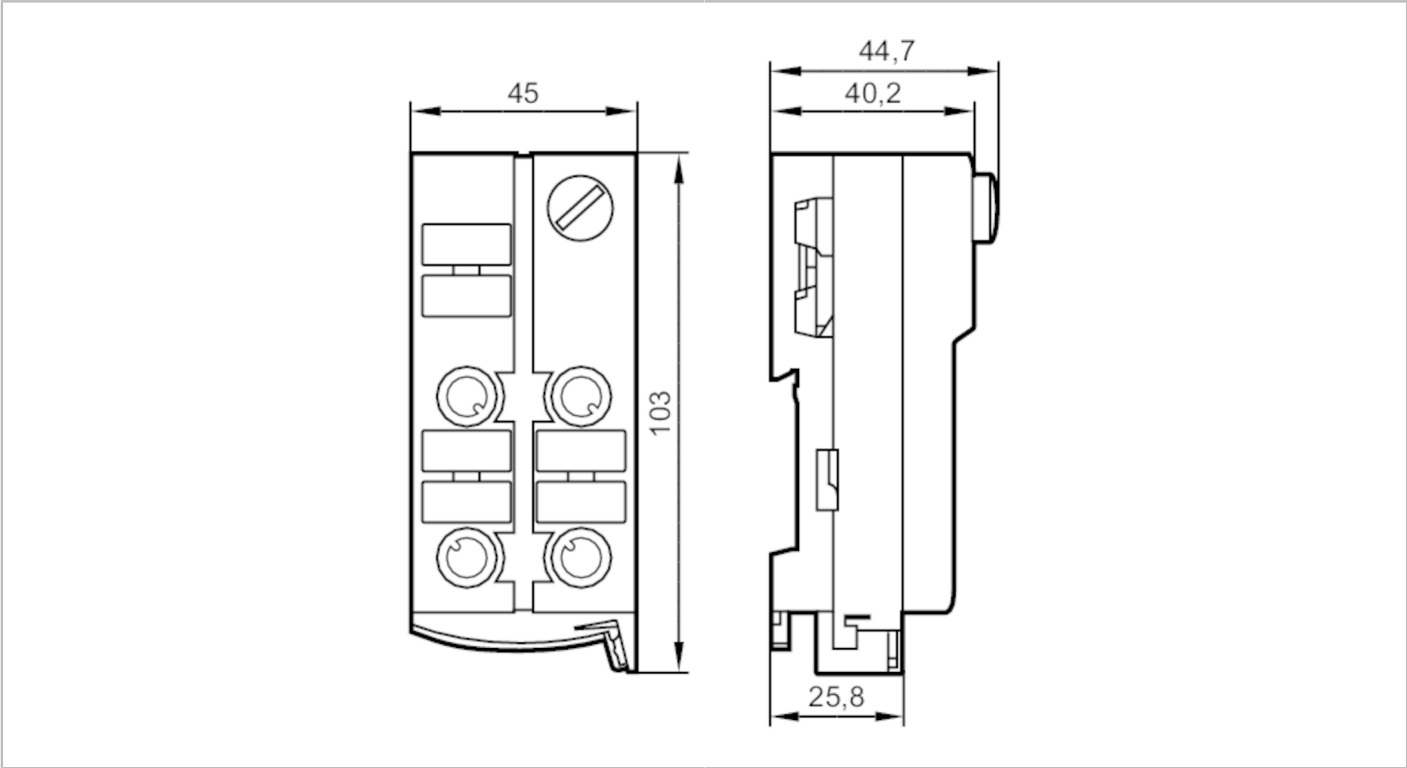




AS-Interface ClassicLine module with quick mounting technology

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
Max. current load total	[A]	4; (max. current rating of the piercing points)
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
Power supply	[V]	18...30; (via flat cable)
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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

Protection

IP 67

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 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
	input	1	2	3
	socket	I-1/2	I-1/2 I-2	I-3/4
	pin	4	2 4	4

Mechanical data

Weight	[g]	157.35
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	Flat cables
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Accessories

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

Remarks

Remarks	operating voltage "supply class 2" according to cULus
	The module allows the distribution of the AS-i voltage.
	Flat cable blank to cover the unused cable entry.
	Do not connect any of the following points to an external potential:
	I-, I+, I-1/2, I-2, I-3/4, I-4
Pack quantity	The connections are electrically connected with the AS-i cable.
	1 pcs.



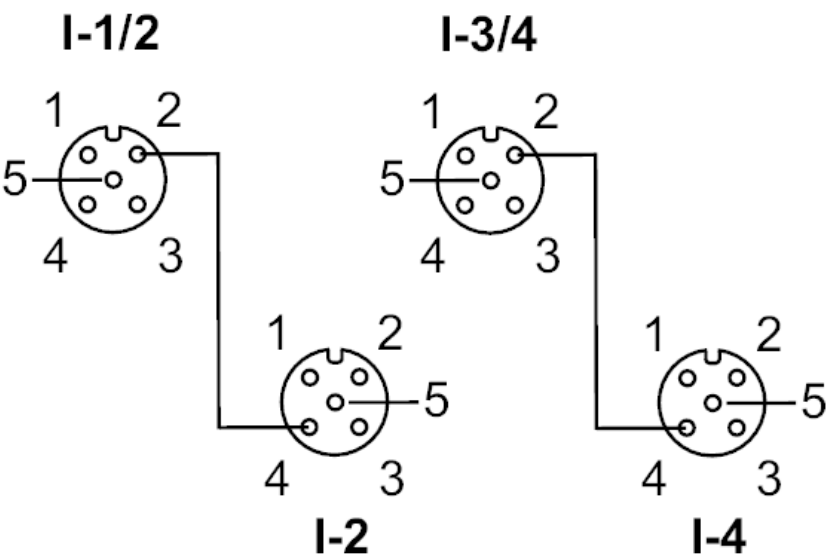
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

Electrical connection

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

Connection



Connector: M12

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