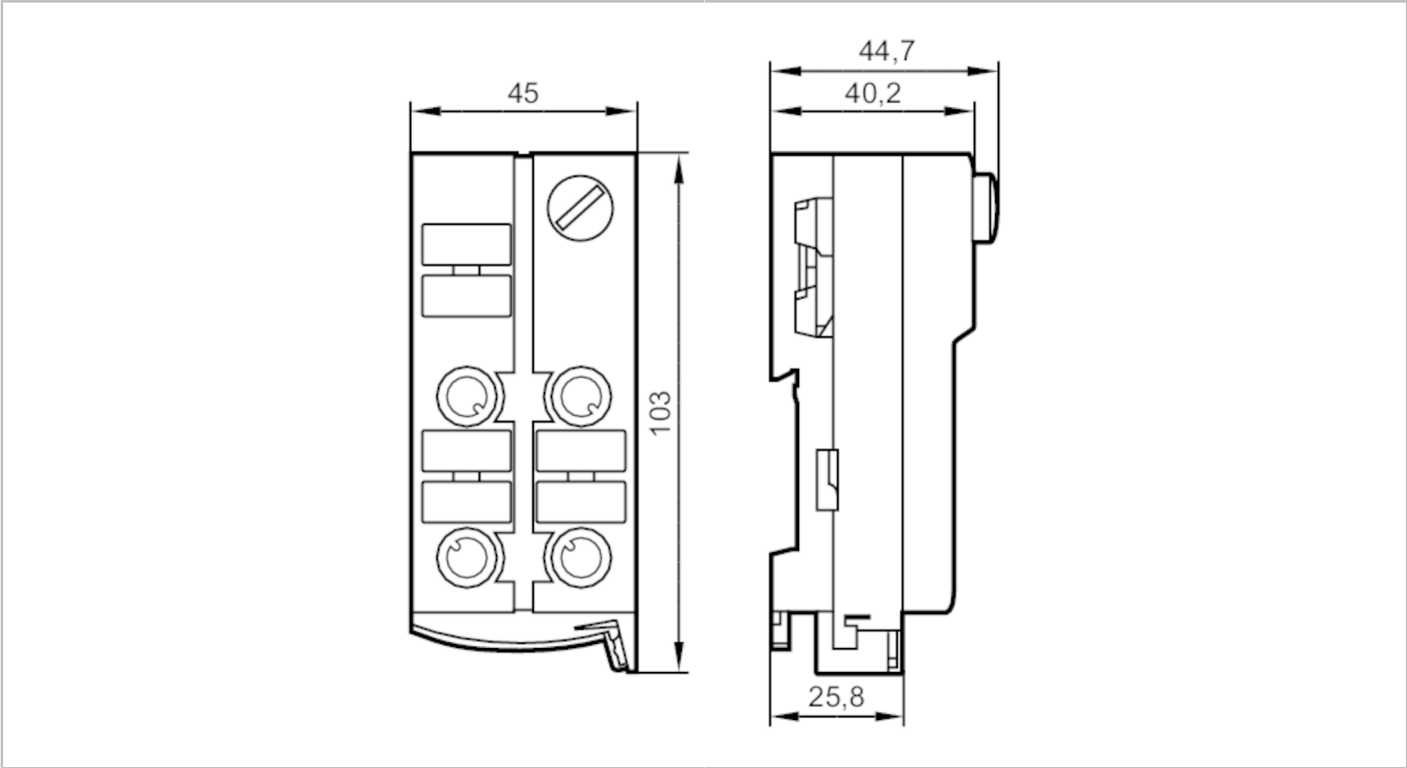




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN 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		NPN
Sensor supply of the inputs		AS-i
Power supply	[V]	18...27; (via flat cable)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 6
Input current Low	[mA]	< 2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-25...50
Protection		IP 67



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67

Tests / approvals					
EMC		EN 50295			
		IEC 61000-6-2			
MTTF	[years]	378			
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
Mechanical data					
Weight	[g]	168			
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			
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.			
		operating voltage "supply class 2" according to cULus			
Pack quantity		1 pcs.			



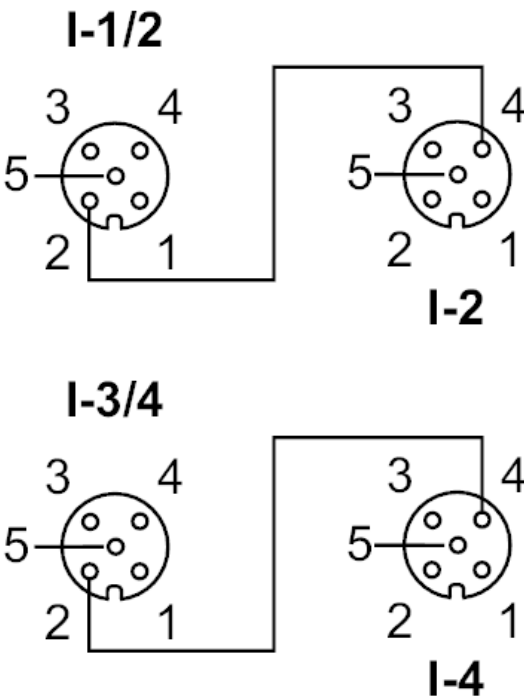
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN 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