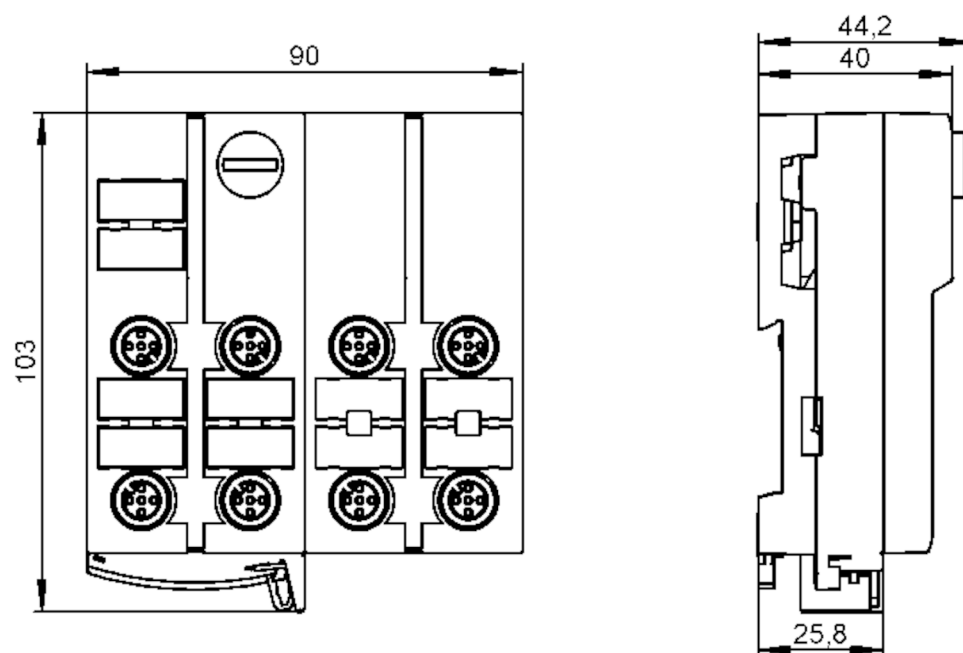


AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 4DO-Y IP67



Application

Application only for operation with AS-i masters with the profile M4

Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	2
Integrated watchdog		yes

Inputs

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

ClassicLine 4DI-Y 4DO-Y IP67

Number of digital outputs	4
Beschaltung	PNP
Voltage range DC	15...30; (to PELV; via flat cable)
Max. current load per output [mA]	1000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Short-circuit proof	yes
Electrically separated	yes

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

EMC	EN 50295	
	IEC 61000-6-2	
MTTF [years]	155	

AS-i version	3.0				
AS-i addressing	addressing socket				
Extended addressing mode possible	yes				
AS-i profile	S-7.A.7				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	A.7				
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
	Output	1	2	3	4
	socket	O-1/2	O-1/2 O2	O-3/4	O-3/4 O-4
	pin	4	2 4	4	2 4

Weight	[g]	303.8
Type of mounting		AS-i flat cables directly connectable
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated;

Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

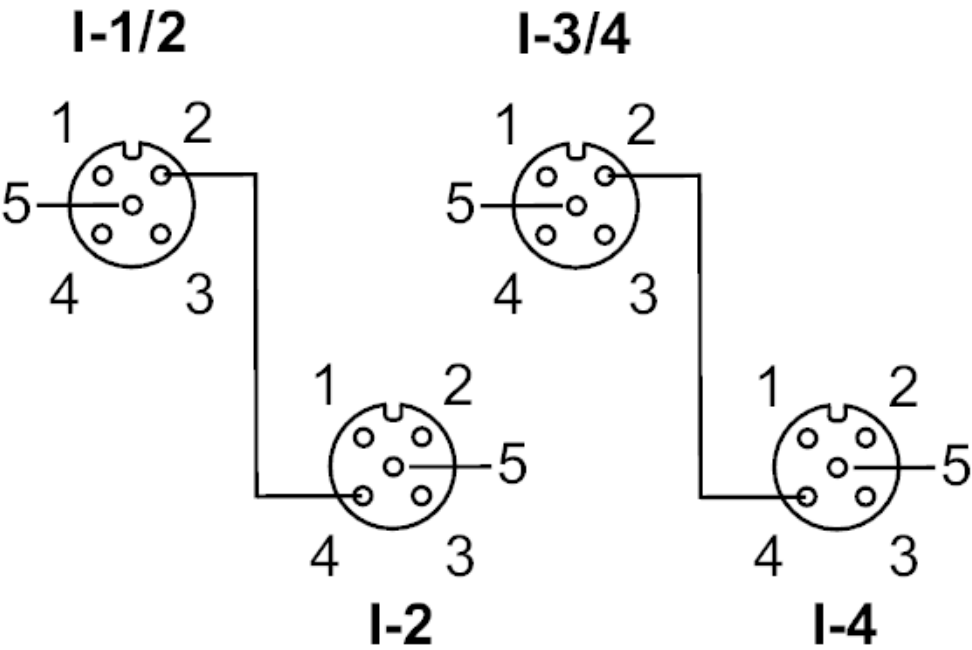
Accessories (supplied)	lower part
Accessories (optional)	Protective cap: M12, E73004



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 4DO-Y IP67

Remarks	
Remarks	Inputs and outputs must be electrically isolated.
	Do not connect any of the following points to an external potential:
	I-, I+, I1, I2, I3, I4
	The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.
Electrical connection - Inputs	
Connection	





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ClassicLine 4DI-Y 4DO-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

Connector: M12

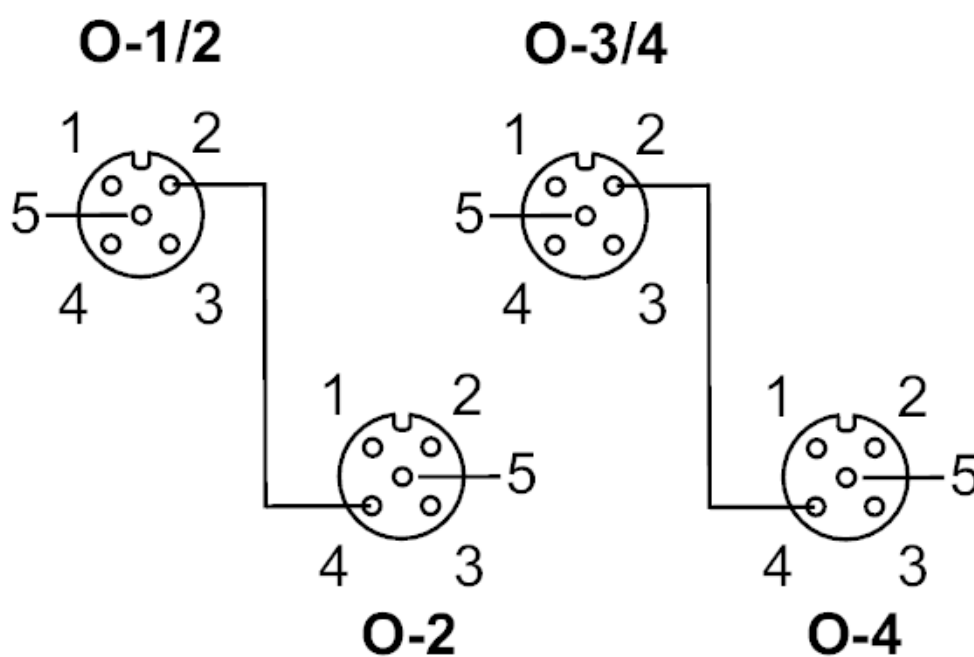


AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 4DO-Y IP67

Electrical connection - Outputs

Connection





AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 4DO-Y IP67

Outputs	
socket O-1/2	
1	not used
2	switching output 2
3	external voltage AUX -
4	switching output 1
5	not used
socket O-2	
1	not used
2	not used
3	external voltage AUX -
4	switching output 2
5	not used
socket O-3/4	
1	not used
2	switching output 4
3	external voltage AUX -
4	switching output 3
5	not used
socket O-4	
1	not used
2	not used
3	external voltage AUX -
4	switching output 4
5	not used

Connector: M12

Electrical connection

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