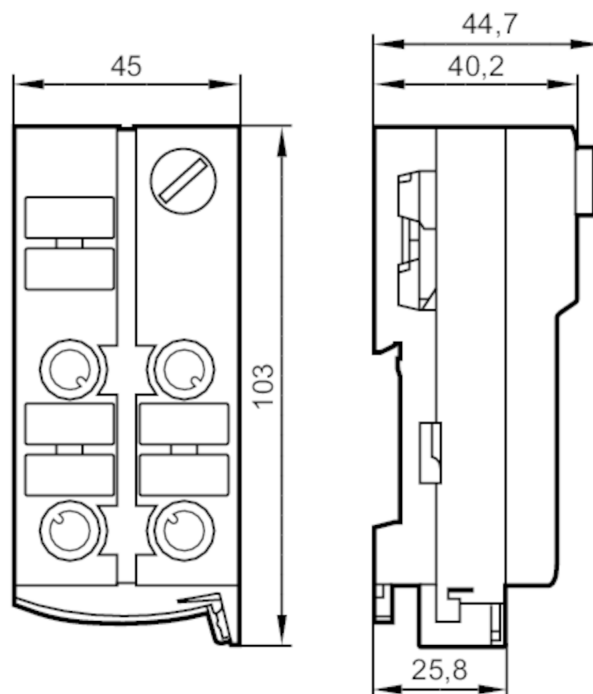


AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2DI 2DO-Y IP67



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	150
Max. current load total	[A]	4
Integrated watchdog		yes

Inputs

Number of digital inputs		2
Input circuit of digital inputs		PNP
voltage supply	[V]	18...30; (via flat cable)
Max. total current rating of inputs	[mA]	100
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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2DI 2DO-Y IP67

Outputs

Number of digital outputs	2
Beschaltung	PNP
Voltage range DC	15...30; (to PELV; via flat cable)
Max. current load per output [mA]	2000; (utilisation category DC-13 (control of electromagnets): 40 W (IEC 60947-5-1))
Short-circuit proof	yes
Electrically separated	yes

Operating conditions

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

Tests / approvals

EMC	EN 50295	
	IEC 61000-6-2	
MTTF [years]		188

AS-i classification

AS-i version	2.11 + 3.0				
AS-i addressing	addressing socket				
Extended addressing mode possible	no				
AS-i profile	S-3.0.E				
AS-i I/O configuration [hex]	3				
AS-i ID code [hex]	0.E				
AS-i certificate pending	yes				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	1	2	-	-
	socket	I-1	I-2	-	-
	pin	2+4	2+4	-	-
	Output	-	-	3	4
	socket	-	-	O-3/4	O-3/4 O-4
	pin	-	-	4	2 4

Mechanical data

Weight	[g]	192.6
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

Accessories

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



AS-Interface ClassicLine module with quick mounting technology

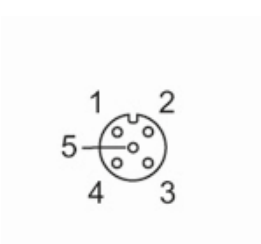
ClassicLine 2DI 2DO-Y IP67

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
	The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection - Inputs

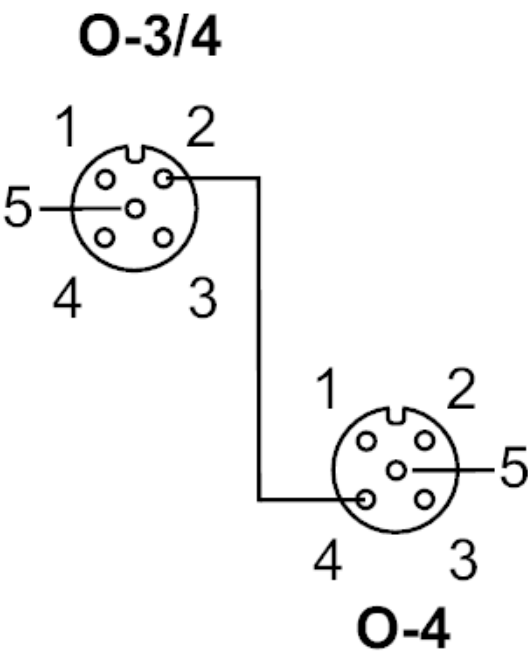
Inputs	
1	Sensor supply L+
2+4	data input internally bridged
3	Sensor supply L-
5	not used

Connector: M12



Electrical connection - Outputs

Connection





AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2DI 2DO-Y IP67

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