AC5202

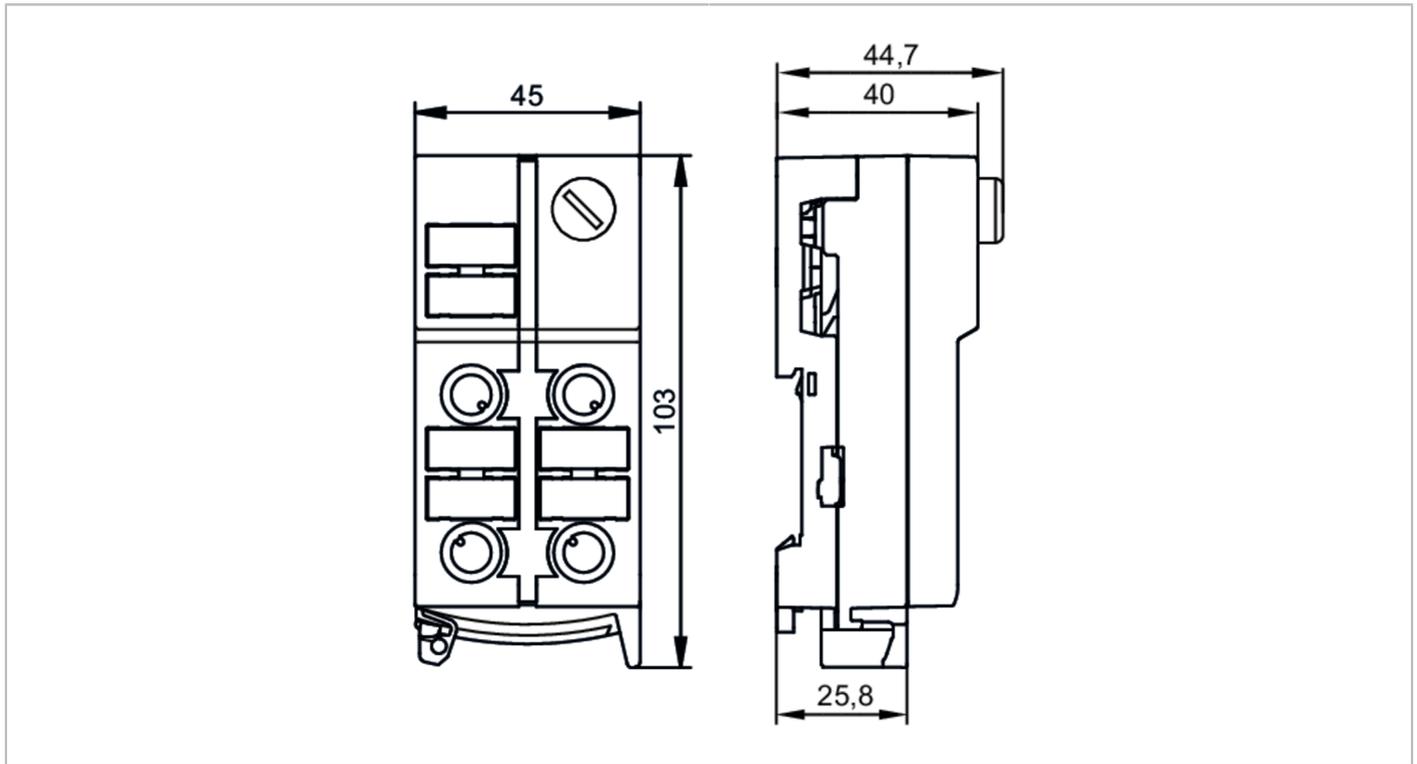## AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2 x (1 DI/1 DO)

Application

Application	field installation

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]	0.2
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 2

Inputs

Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	200; (current load for all inputs and outputs: 200 mA)
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

AC5202

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2 x (1 DI/1 DO)

Outputs	
Number of digital outputs	2
Voltage range DC [V]	18...30
Max. current load per output [mA]	200; (current load for all inputs and outputs: 200 mA)
Short-circuit proof	yes
Electrically separated	no
Actuator supply outputs	AS-i

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

Tests / approvals		
EMC	EN 50295	
	IEC 61000-6-2	

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-B.A.E			
AS-i I/O configuration [hex]	B			
AS-i ID code [hex]	A.E			
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	-	-	I-3	I-4
	socket	-	-	I-3/O-1	I-4/O-2
	pin	-	-	4	4
	Output	O-1 ; O-1	O-2 ; O-2	-	-
	socket	I-3/O-1 ; O-1	I-4/O-2 ; O-2	-	-
	pin	2 ; 4	2 ; 4	-	-

Mechanical data	
Weight [g]	156.4
Housing	housing for DIN rail mounting
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	
Pack quantity	1 pcs.

AC5202

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2 x (1 DI/1 DO)

Electrical connection	

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

	Outputs
	socket O-1
1	not used
2	not used
3	Voltage L-
4	switching output 1
5	not used
	socket O-2
1	not used
2	not used
3	Voltage L-
4	switching output 2
5	not used

Electrical connection - Inputs / outputs	

Connection
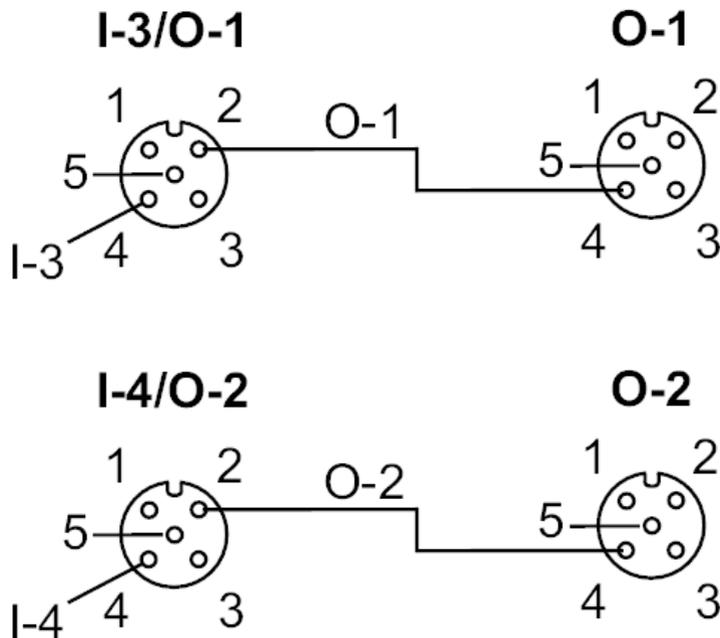
Connector: M12

	input / Output
	socket I-3/O-1
1	Sensor supply L+
2	switching output 1
3	Sensor supply L- / Output -
4	data input 3
5	not used
	socket I-4/O-2
1	Sensor supply L+
2	switching output 2
3	Sensor supply L- / Output -
4	data input 4
5	not used