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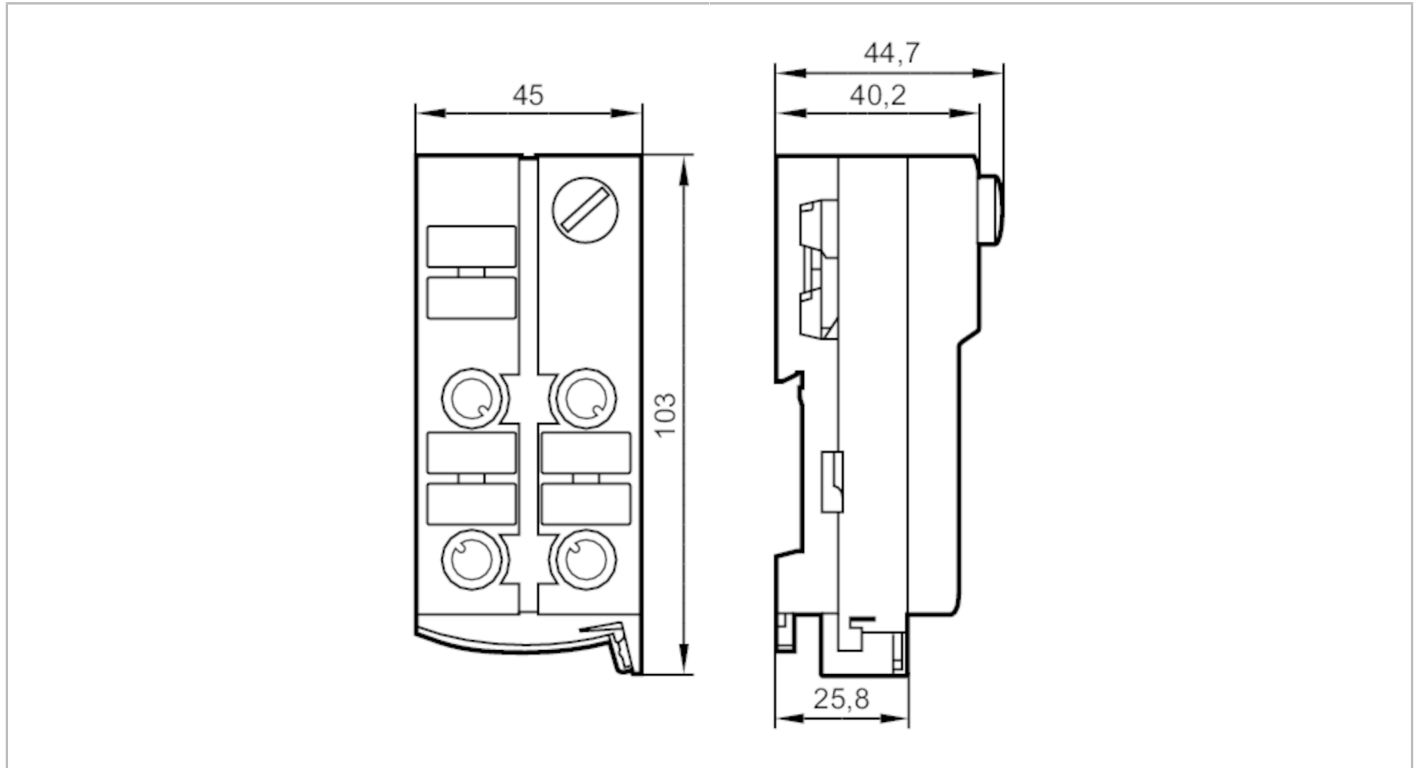
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4AI C AUX IP67

Product characteristics	
Number of inputs and outputs	Number of analog inputs: 4

Application	
Application	field installation

Electrical data		
Operating voltage	[V]	18...31.6 DC
Max. current consumption from AS-i	[mA]	50
Reverse polarity protection		yes
Max. current load total	[A]	2
Additional voltage supply	[V]	16...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	2000

Inputs / outputs	
Number of inputs and outputs	Number of analog inputs: 4

Inputs		
Sensor supply of the inputs		AUX
Number of analog inputs		4; (connection of 2- and 3-wire sensors)
Analog input (current)	[mA]	4...20
Max. voltage drop across load for nominal voltage	[V]	10
Analog inputs protected against short circuits		yes
Resolution of analog input		12 bit

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Accuracy / deviations	
Accuracy	0.5; (% of the final value of the measuring range; tolerance under the influence of electromagnetic interference: < ± 1 % of the final value of the measuring range)

Operating conditions		
Ambient temperature	[°C]	-25...70
Storage temperature	[°C]	-25...70
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 67

Tests / approvals		
EMC	EN 50295	
	EN 61000-6-2	
	EN 61000-6-3	
MTTF	[years]	105
UL approval	voltage supply	Class 2

AS-i classification	
AS-i version	2.11; 3.0
Extended addressing mode	no
AS-i master profile	M3; M4
AS-i profile	S-7.3.E
AS-i I/O configuration [hex]	7
AS-i ID code [hex]	3.E
AS-i certificate	123501

Mechanical data	
Weight [g]	154.35
Material	PA; Piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements		
Display	analog signal	LED, yellow Channels AI1...AI4
	Power	LED, green AS-i, AUX
	errors	LED, red

Electrical connection	
Module connection	Flat cable

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

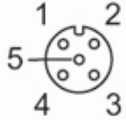| Remarks	
Remarks	There is an electrical isolation between AS-i and AUX and between AS-i and the analog inputs.
	The actuator supply on pins 1 and 3 can be used to supply the sensors.
Pack quantity	1 pcs.

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Electrical connection

quick mounting technology for AS-i flat cable: ; three selectable directions

Connector: M12; coding: A

1	Sensor supply +24V
2	analog input AI +
3	Sensor supply 0V / analog input AI-
4	not used (n.c.)
5	functional earth