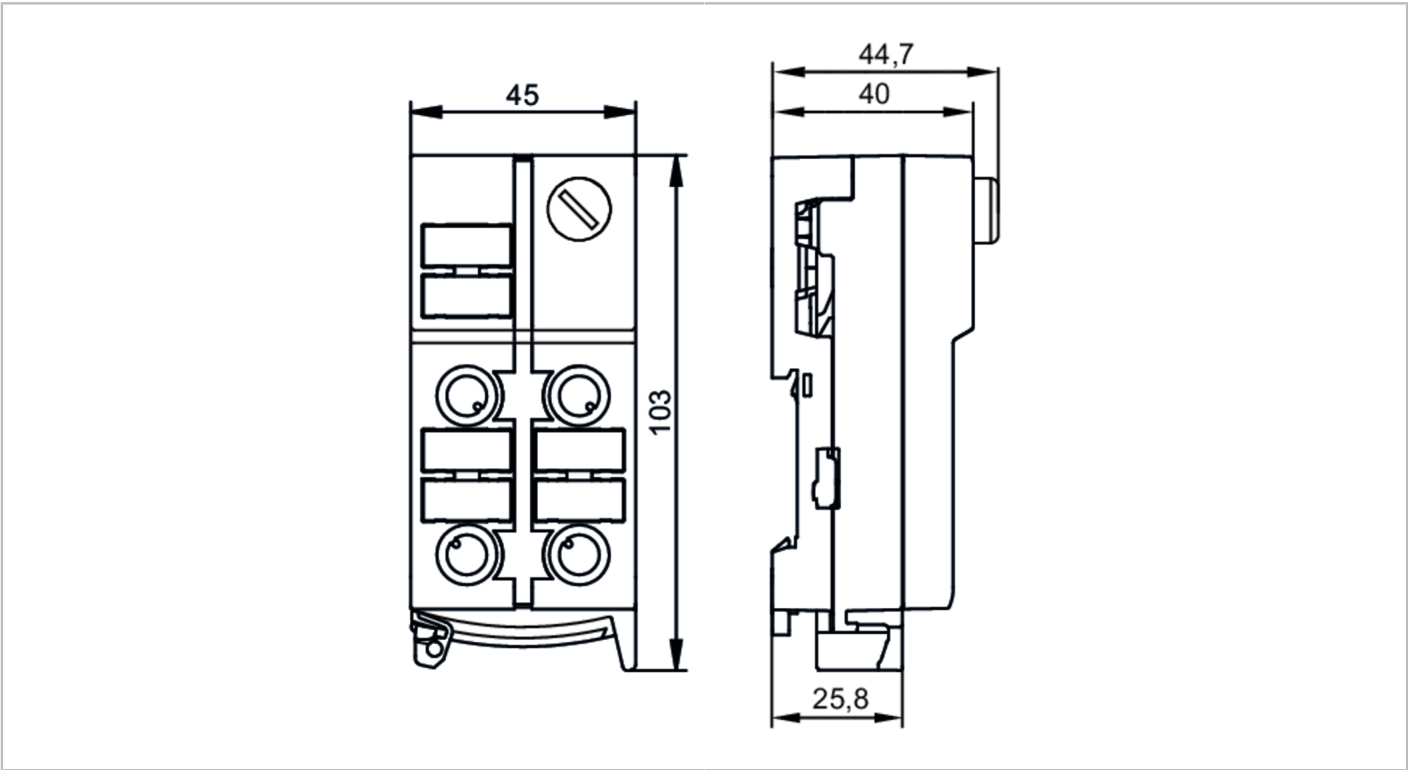




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4AI C AUX IP67



Product characteristics		
Number of inputs and outputs		Number of analogue 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 analogue inputs: 4
Inputs		
Sensor supply of the inputs		AUX
Number of analogue inputs		4; (connection of 2-wire, 3-wire and 4-wire sensors)
Analogue input (current)	[mA]	4...20
Max. voltage drop across load for nominal voltage	[V]	10
Analogue inputs protected against short circuits		yes
Resolution of analogue 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	power 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]	188
Housing	housing for DIN rail mounting	
Materials	PA; piercing contacts: CuSn6 nickel-plated and tin-plated	
Displays / operating elements		
Display	analogue signal	LED, yellow channels AI1...AI4
	operation	LED, green AS-i, AUX
	errors	LED, red
Electrical connection		
Module connection	Flat cables	
Accessories		
Items supplied	lower part	
Accessories (optional)	Protective cap: M12, E73004	
Remarks		
Remarks	There is an electrical separation between AS-i and AUX and between AS-i and the analogue inputs.	
	The actuator supply on pins 1 and 3 can be used to supply the sensors.	
	3-wire connection possible via external link.	
Pack quantity	1 pcs.	



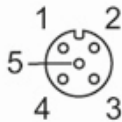
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4AI C AUX IP67

Electrical connection

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

Connector: M12; coding: A



1	Sensor supply +24V
2	analogue input AI +
3	Sensor supply 0V
4	analogue input AI -
5	functional earth