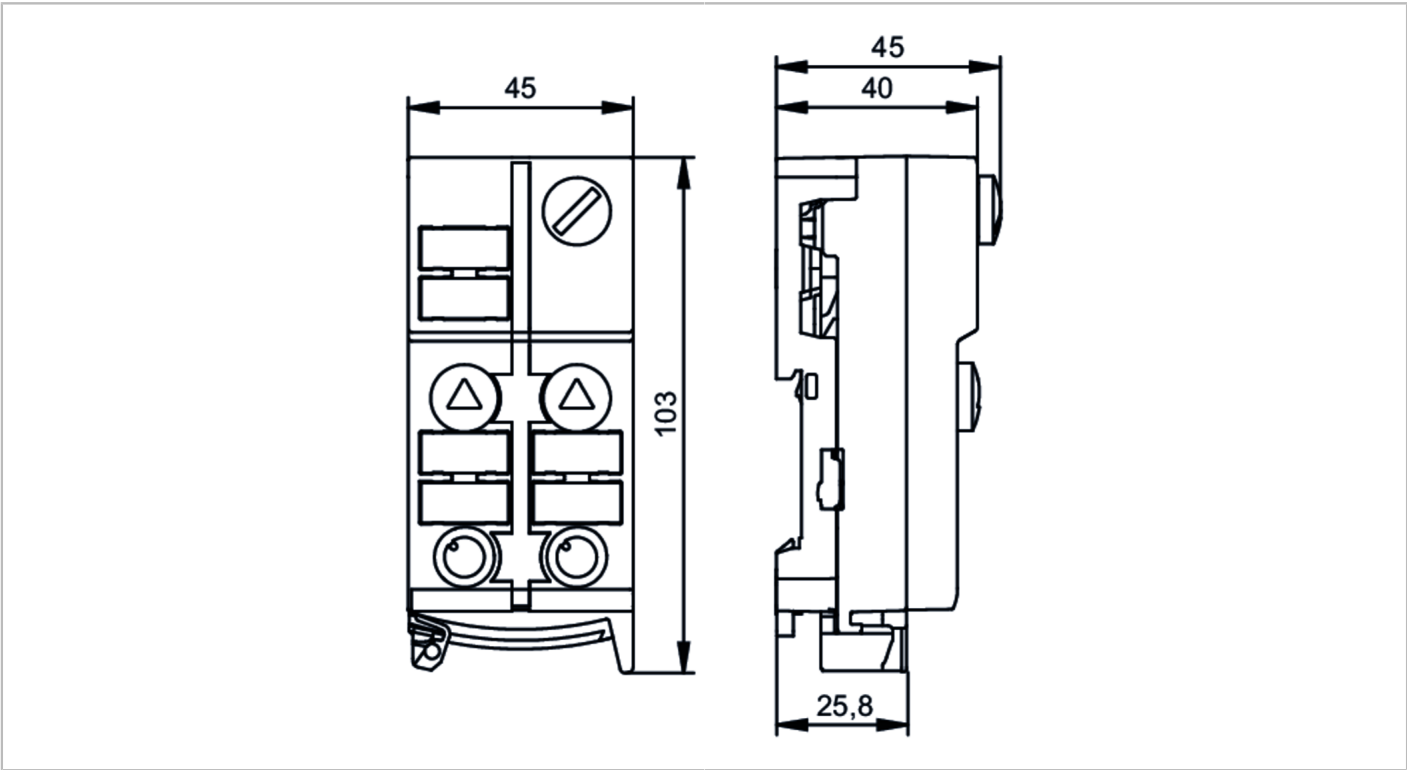




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4AI C AUX IP67



Product characteristics	
Number of inputs and outputs	Number of analog inputs: 4
Application	
Design	housing for DIN rail mounting
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-wire, 3-wire and 4-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



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Resolution of analog input	12 bit	
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]	188
Housing	rectangular	
Type of mounting	quick mounting; AS-i flat cable connection; Mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	103 x 45 x 44.7
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.	
	3-wire connection possible via external link.	
Pack quantity	1 pcs.	



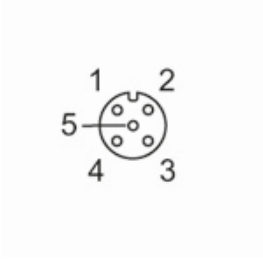
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4AI C AUX IP67

Electrical connection

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

Connector: M12; coding: A



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