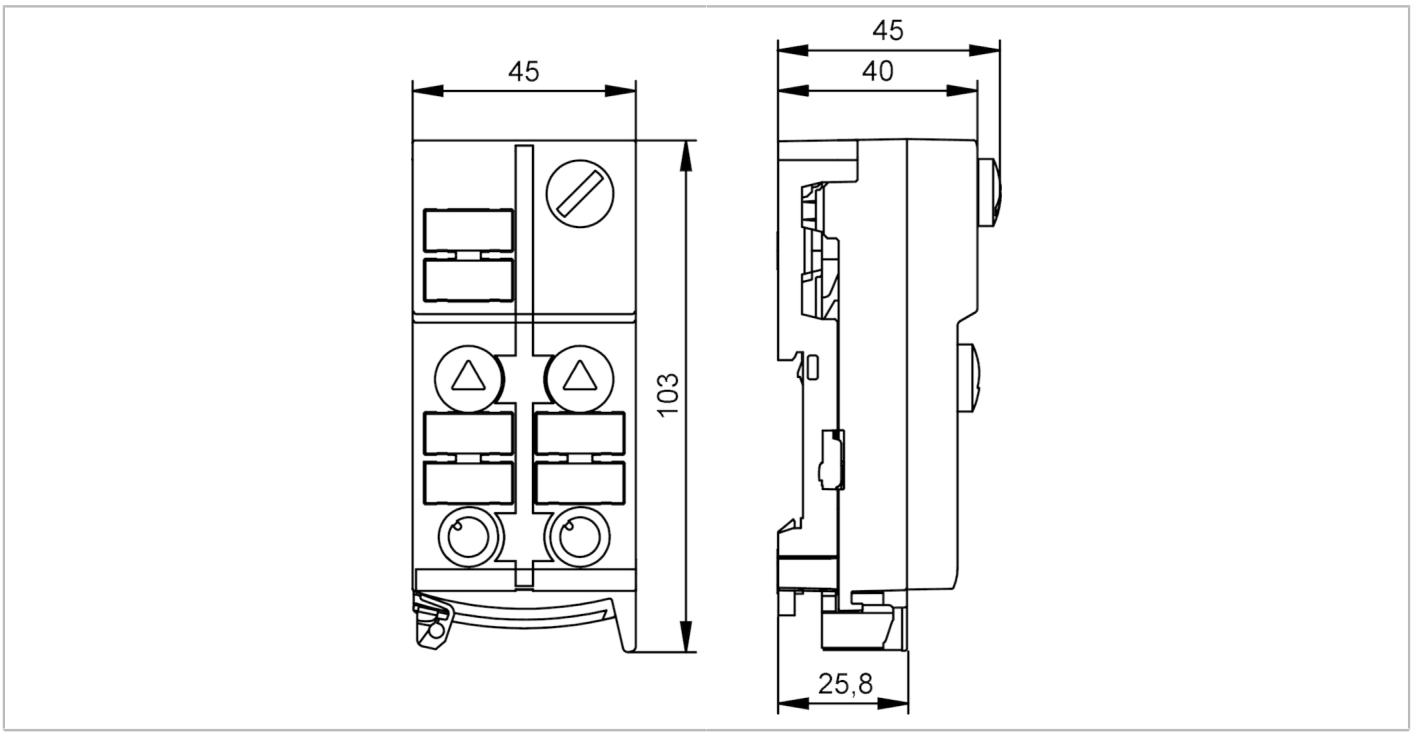
AC5223

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2AI C IP67



Product characteristics		
Number of inputs and outputs		Number of analogue inputs: 2
Application		
Design		housing for DIN rail mounting
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Reverse polarity protection		yes
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 2
Inputs		
Sensor supply of the inputs		AS-i
Number of analogue inputs		2; (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
Short-circuit proof		yes
Resolution		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)

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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	
MTTF	[years]	174	
UL approval		voltage supply	Class 2
AS-i classification			
AS-i version		2.11; 3.0	
AS-i addressing		addressing socket	
Extended addressing mode		no	
AS-i master profile		M3; M4	
AS-i profile		S-7.3.D	
AS-i I/O configuration	[hex]	7	
AS-i ID code	[hex]	3.D	
Mechanical data			
Weight	[g]	158.85	
Housing		rectangular	
Type of mounting		quick mounting; AS-i flat cables directly connectable; mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	103 x 45 x 44.7	
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated	
Displays / operating elements			
Display		analogue signal	LED, yellow channels AI1...AI2
		operation	LED, green AS-i
		errors	LED, red
Electrical connection			
Module connection		Flat cables	
Accessories			
Items supplied		lower part	
Accessories (optional)		Protective cap: M12, E73004	
Remarks			
Remarks		The module is exclusively supplied via the yellow AS-i cable.	
		When connecting a 2-wire or 3-wire sensor without own supply there has to be an external link between pin 3 and pin 4.	
		The inputs (pins 2 and 4) are electrically separated and have no connection to AS-i.	
Pack quantity		1 pcs.	

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Electrical connection

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

Connector: M12; coding: A; Contacts: 5



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