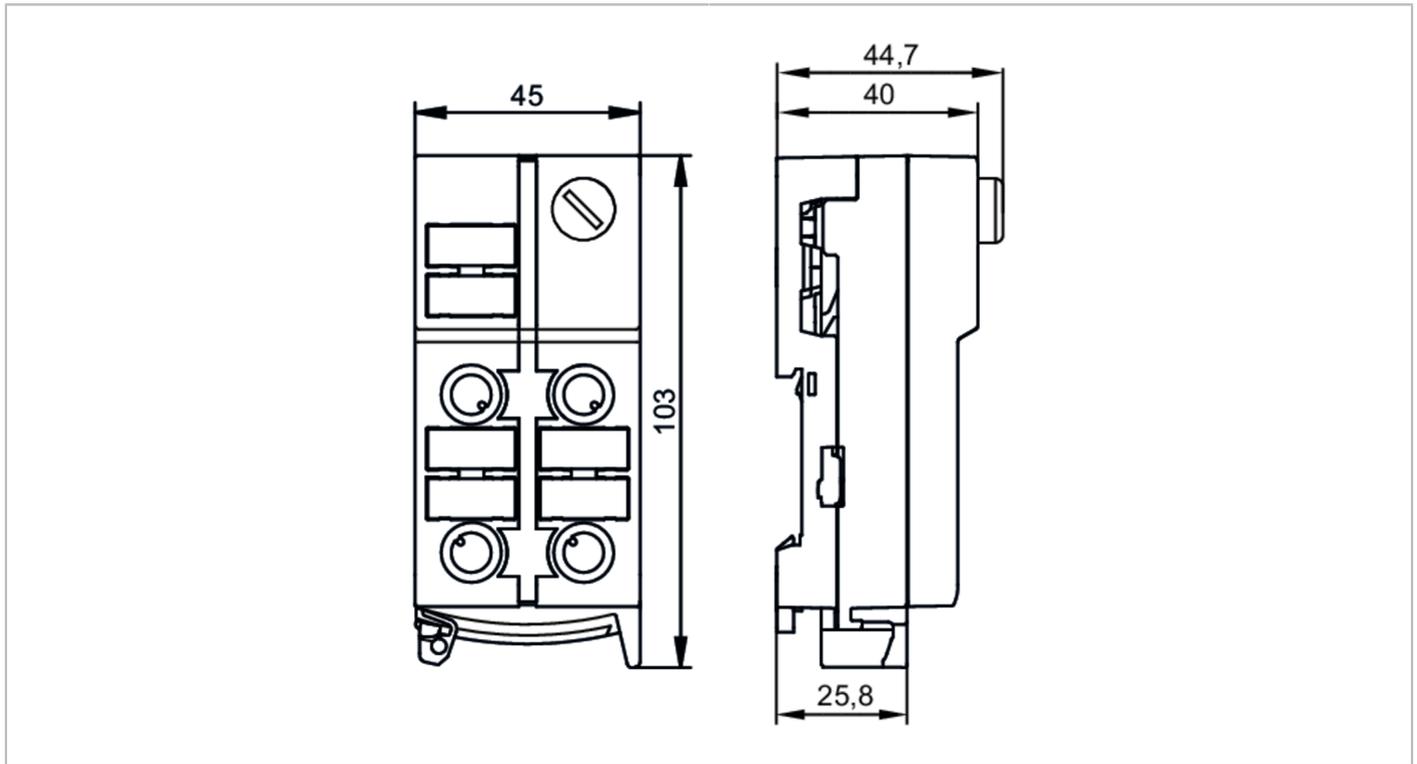


AC522A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2AI C II 3D



Application	
Application	AS-i ATEX module
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; (Anschluss von 2- und 3-Draht-Sensoren)
Analogue input (current) [mA]	4...20
Analogue inputs protected against short circuits	yes
Resolution of analogue input	12 bit
Operating conditions	
Ambient temperature [°C]	-10...50
Protection	IP 50
Tests / approvals	
ATEX marking	Ex II 3D Ex tc IIIB T80°C Dc X IP50
EMC	EN 50295
MTTF [years]	174

AC522A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2AI C II 3D

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
AS-i certificate pending	yes

Mechanical data	
Weight [g]	233
Housing	housing for DIN rail mounting
Type of mounting	AS-i flat cables directly connectable
Materials	PA; piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements		
Display	operation	LED, green Voltage AS-i
	errors	LED, red
	function	LED, yellow channels AI1, AI2

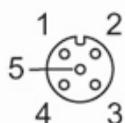
Electrical connection	
Module connection	Flat cables

Accessories	
Items supplied	lower part
Accessories (optional)	Protective cap: M12, E73004
	Impact protection housing:, E7000A

Remarks	
Remarks	<p>Mechanical protection has to be implemented.</p> <p>Otherwise the unit must be installed together with the impact protection housing (E7000A).</p> <p>When the actuators are supplied from AS-i the load must not exceed a maximum of 200 mA.</p> <p>There is an electrical connection between the sensor and AS-i.</p>
Pack quantity	1 pcs.

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

Connector: M12; coding: A



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