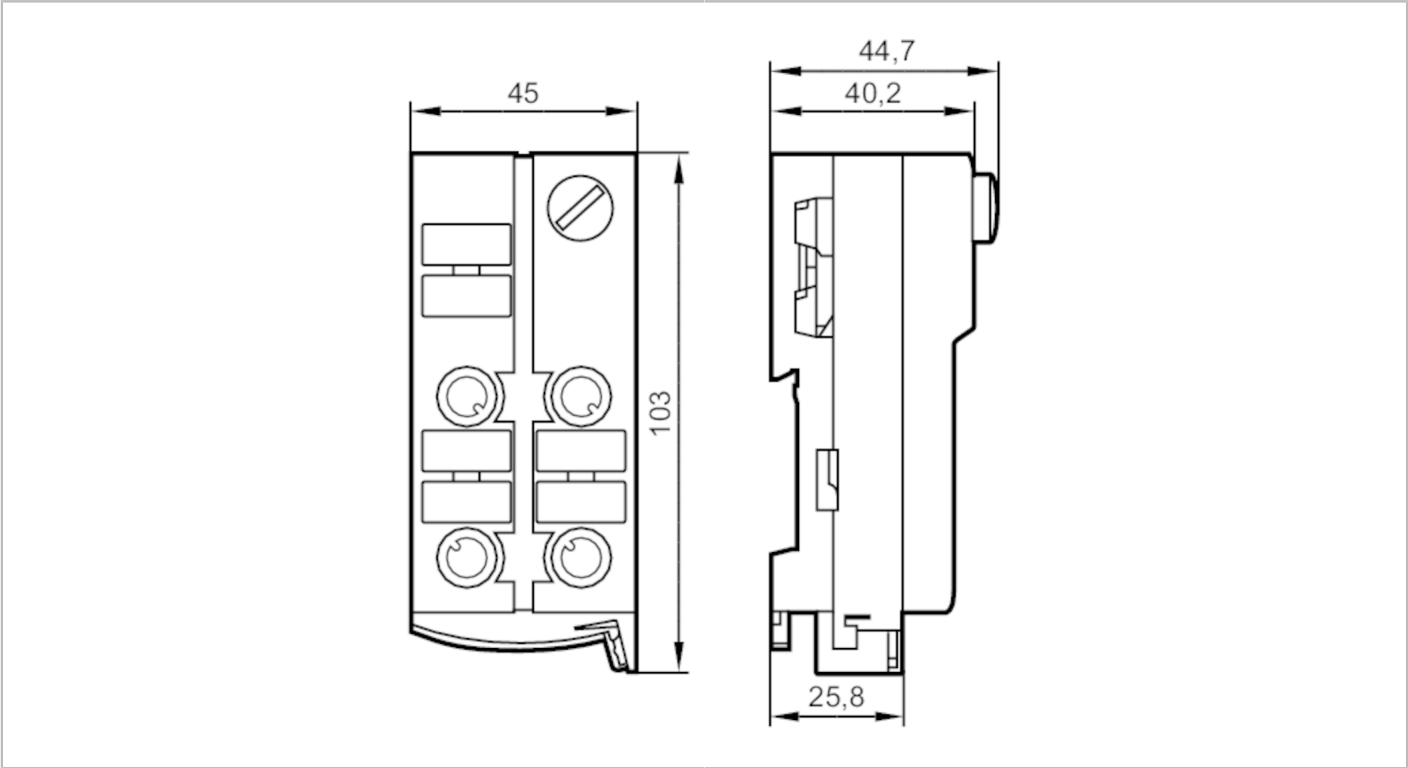


AC522A



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		II 3D Ex tc IIIB T80°C Dc X IP50
EMC		EN 50295
MTTF	[years]	174



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
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

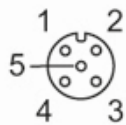
Accessories	
Items supplied	lower part
Accessories (optional)	Protective cap: M12, E73004
	Impact protection housing:, E7000A

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