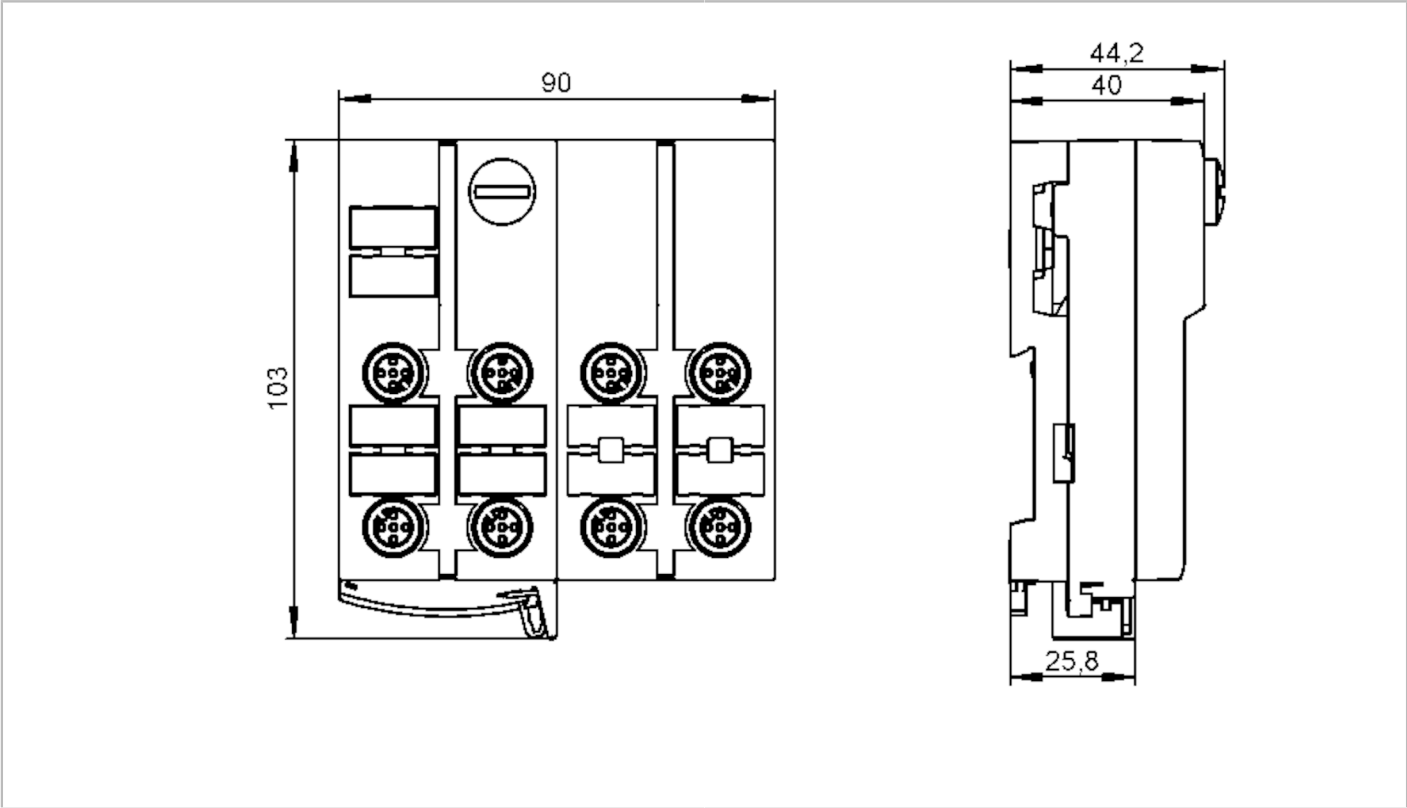




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 3DO IP67



Application		
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	3
Additional voltage supply	[V]	15...30 DC; (AUX)
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4; Number of digital outputs: 3
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes



AS-Interface ClassicLine module with quick mounting technology

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Outputs						
Number of digital outputs		3				
Circuit		PNP				
Voltage range DC [V]		15...30; (to PELV)				
Max. current load per output [mA]		1000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))				
Short-circuit proof		yes				
Electrically separated		yes				
Actuator supply outputs		AUX				
Operating conditions						
Ambient temperature [°C]		-25...70				
Protection		IP 67				
Tests / approvals						
EMC		EN 50295				
		IEC 61000-6-2				
MTTF [years]		162				
AS-i classification						
AS-i version		2.11; 3.0				
AS-i addressing		addressing socket				
Extended addressing mode		yes				
AS-i master profile		M2; M3; M4				
AS-i profile		S-7.A.E				
AS-i I/O configuration [hex]		7				
AS-i ID code [hex]		A.E				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	1	2	3	4
		socket	I-1	I-2	I-3	I-4
		pin	4	4	4	4
		Output	1	2	3	-
		socket	O-1	O-2	O-3	-
		pin	4	4	4	-
Mechanical data						
Weight [g]		273.7				
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		
		errors		LED, red		
		function		LED, yellow		
Electrical connection						
Module connection		Flat cables				
Accessories						
Items supplied		lower part				
Accessories (optional)		Protective cap: M12, E73004				



AS-Interface ClassicLine module with quick mounting technology

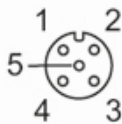
ClassicLine 4DI 3DO IP67

Remarks	
Remarks	Inputs and outputs must be electrically isolated.
Pack quantity	1 pcs.

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

Electrical connection - Inputs

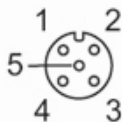
Connector: M12; coding: A



Inputs	
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input
5	not used

Electrical connection - Outputs

Connector: M12; coding: A



Outputs	
1	not used
2	not used
3	external voltage AUX -
4	switching output +
5	not used