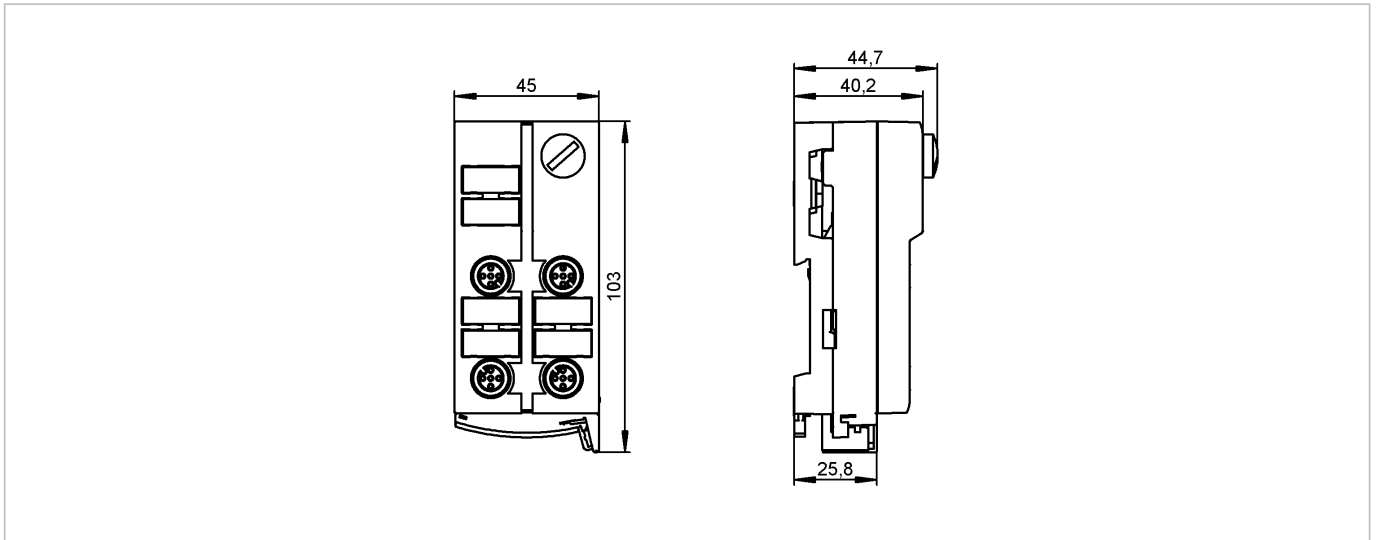


AC5214

ClassicL 2DO-Y 2DI-Y IP67

Bus system AS-Interface



Made in Germany



Product characteristics

Active ClassicLine module
AS-i flat cable connection
Sockets M12 x 1
Version 2.11 and 3.0 with extended addressing mode
Addressing socket
Three orientations of the flat cable are possible
Digital outputs and inputs

Electrical data

Electrical design	2 outputs / 2 inputs
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 150
Max. current load per module [mA]	2000

Inputs

Digital	
Circuit	DC PNP
Sensor supply	AS-i
Voltage range [V]	18...30 DC **)
Max. current load for all inputs total [mA]	100
Input current High/Low [mA]	6...10 / 0...2
Switching level High signal 1 [V]	> 11
Short-circuit proof	yes

Outputs

Digital	
Output function	transistor PNP
Voltage range [V]	24 DC (15...30 DC **)
External voltage supply	according to PELV
Max. current load per output [mA]	1000 *)
Electrically separated	yes
Integrated watchdog	yes

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Short-circuit proof	yes
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Environment

Ambient temperature [°C]	-25...70
Protection	IP 67

Tests / approvals

EMC	EN 50295 IEC 61000-6-2
MTTF [Years]	192

AS-i classification

Extended addressing mode possible	version 2.11 and 3.0 / yes
AS-i profile	S-B.A.E
I/O configuration [hex]	B
ID code [Hex]	A.E
AS-i certificate	in preparation

Data bits	Data bit	D0	D1	D2	D3
Input		-	-	3	4
Socket		-	-	I-3/4	I-3/4 I-4
Pin		-	-	4	2 4
Output		1	2	-	-
Socket		O-1/2	O-1/2 / O-2	-	-
Pin		4	2 4	-	-

Mechanical data

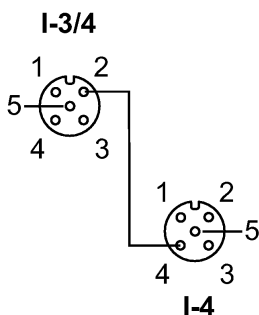
Housing materials	PA; Piercing contacts: CuSn6 surface nickel and tin-plated
Weight [kg]	0.19

Displays / operating elements

Operation	LED	green
Error	LED	Red
Function display	LED	yellow

Electrical connection

Wiring



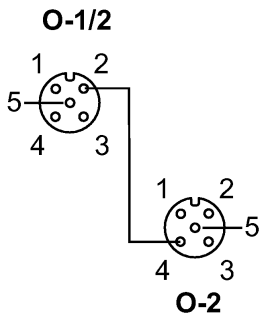
Inputs	Socket I-4
Socket I-3/4	1: Sensor supply
1: Sensor supply	L+
L+	2: not used
2: Data input 4	3: Sensor supply
3: Sensor supply	L-
L-	4: Data input 4
4: Data input 3	5: not used
5: not used	



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Outputs	Socket O-1/2	Socket O-2
Socket O-1/2	1: not used	1: not used
2: not used	2: not used	2: not used
2: Switching output 2	3: External voltage AUX -	3: External voltage AUX -
3: External voltage AUX	4: Switching output 2	4: Switching output 2
-	5: not used	5: not used
4: Switching output 1		
5: not used		

Accessories

Accessories (included)	lower part
Accessories (optional)	M12 protective cap (E73004)

Remarks

Remarks	<p>Inputs and outputs must be electrically isolated. Do not connect any of the points I-, I+, I-3/4, I-4 to an external potential since they are electrically connected to the AS-i cable. cULus - Class 2 source required *) Utilisation category (DC13): The switch-on and switch-off capacity for the triggering of solenoids is rated up to 20 W (to IEC 60947-5-1) **) via flat cable</p>
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Pack quantity	[piece]	1
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