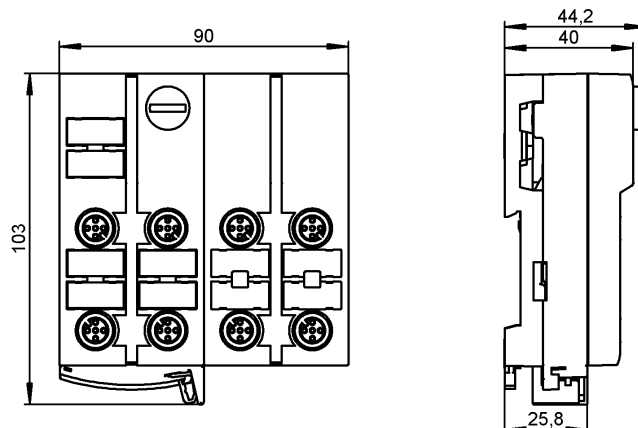


AC5209

ClassicLine 4DI 4DO-Y IP67

Bus system AS-Interface



Made in Germany

Product characteristics

Active ClassicLine module

AS-i flat cable connection

Sockets M12 x 1

Addressing socket

Three orientations of the flat cable are possible

Digital inputs and outputs

Electrical data

Electrical design	4 inputs / 4 outputs; bidirectional
Operating voltage [V]	26.5...31.6 DC; "supply class 2" to cULus.
Total current consumption from AS-i [mA]	< 250
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]	200
Input current High/Low [mA]	> 6 / < 2
Switching level High signal 1 [V]	> 11
Short-circuit proof	yes

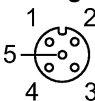
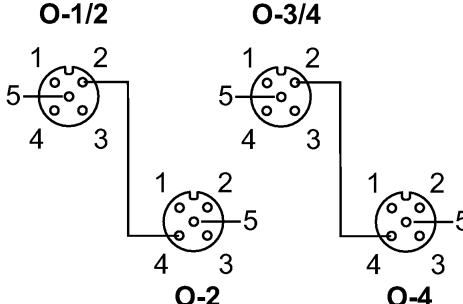
Outputs

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
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]	155				
AS-i classification						
Extended addressing mode possible		version 2.11 and 3.0 / no				
AS-i profile		S-7.0.E				
I/O configuration [hex]		7				
ID code [Hex]		0.E				
AS-i certificate		in preparation				
Data bits		Data bit	D0	D1	D2	D3
		Input	1	2	3	4
		Socket	I-1	I-2	I-3	I-4
		Pin	2+4	2+4	2+4	2+4
		Output	1	2	3	4
		Socket	O-1/2	O-1/2 O2	O-3/4	O-3/4 O-4
		Pin	4	2 4	4	2 4
Mechanical data						
Housing materials		PA				
Weight	[kg]	0.306				
Displays / operating elements						
Operation	LED	green				
Error	LED	red				
Function display	LED	yellow				
Electrical connection						
Wiring						
		Inputs 1: Sensor supply L+ 2+4: Data input (internally bridged) 3: Sensor supply L- 5: not used				
		Outputs Socket O-1/2 1: not used 2: Switching output 2 3: External voltage AUX - 4: Switching output 1 5: not used Socket O-2 1: not used 2: not used 3: External voltage AUX - 4: Switching output 2 5: not used Socket O-3/4 1: not used 2: Switching output 4 3: External voltage AUX - 4: Switching output 3 5: not used Socket O-4 1: not used 2: not used 3: External voltage AUX - 4: Switching output 4				
Accessories						
Accessories (included)		lower part				



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Accessories (optional)

M12 protective cap (E73004)

Remarks

Remarks

*) 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
Inputs and outputs must be electrically isolated.
Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable.

Pack quantity

[piece]

1