

AS-Interface System – MASI68

The I/O modules with round cable bus connections in the **MASI68** product range have been designed for exposed areas with extremely stringent tightness requirements. They provide a comprehensive solution with protection class IP68/69K.



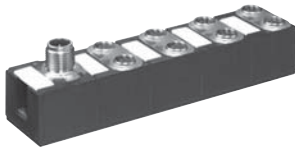
Industrial strength watertightness – through full encapsulation and seals

- high resistance to impact and vibration through encapsulation
- voltage-reversal prevention through coded elements
- resistance to a wide range of media

→ avoidance of wiring errors and outages

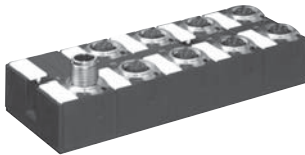
I/O modules

with M8 connections and protection IP68/69K
8 inputs (AB)



from page 2.9.2

with M12 connections and protection IP68/69K
4 inputs (AB)
4 inputs and 4 outputs



from page 2.9.3

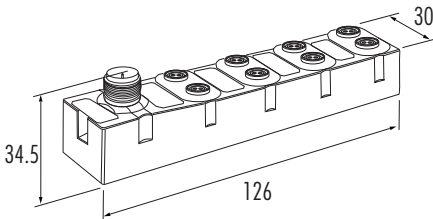
I/O modules
Inputs
via M8 round plug connector

Protection IP68/69K

MASI68 DI8/0.2A AB 8xM8
8 inputs 0.2 A; AB-Slave



Ordering data	Art.-No.
	56420
Technical data	
AS-Interface bus voltage	26.5...31.6 V
Combined current usage	max. 250 mA
Addressing	via master or M12 connection and programming device, pre-adjusted to address 0
Address range	2 x 1...62 (2 x 1...31 A or B)
Profile /IO/ID/ID2)	2 x S-O.A.0
Inputs	
Number of	8
Type	for 3-wire sensors, pnp-switched or for mechanical switches
Input guideline	EN 61131-2, electrical short-circuit and overload protection/pnp-3-wire sensors
Sensor supply	≤ 200 mA from the AS-Interface, short-circuit and overload protection
Short-circuit protection	electronic
LED indicator	1 yellow LED per input
General data	
Supply temperature range	-20...60 °C
Storage temperature range	-40...80 °C
Mounting method	screw fixing
Dimensions	34.5 x 126 x 30 mm
Weight	approx. 130 g
Dimension drawing	



Accessories	Art.-No.
M8 blind plug	1 piece 3858627
Notes	
	Accessories see chapter 2.10. Connection cable can be found in chapter 1.

I/O modules via M12 round plug connector

Protection IP68/69K

MAI68 DI4/0.2A AB 4xM12

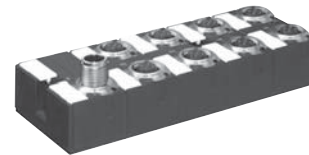
4 inputs 0.2 A; AB-Slave

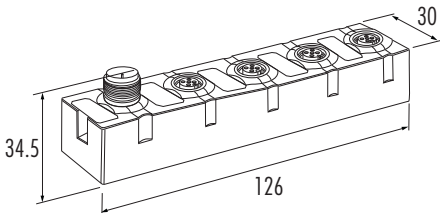
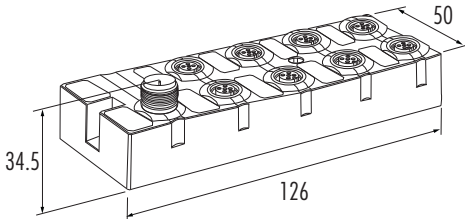


MAI68 DI4/0.2A DO4/2A 8xM12

4 inputs 0.2 A

4 outputs 2 A



Ordering data	Art.-No. 56421		Art.-No. 56422
Technical data			
AS-Interface bus voltage	26.5...31.6 V		
Combined current usage	max. 250 mA		
Addressing	via master or M12 connection and programming device, pre-adjusted to address 0		
Address range	1...62 (1...31 A or B)	1...31	
Profile /IO/ID/ID2)	S-0.A.0	S-7-F.0	
Inputs			
Number of	4	4	
Type	for 3-wire sensors, pnp-switched or for mechanical switches		
Input guideline	EN 61131-2, electrical short-circuit and overload protection /pnp-3-wire sensors		
Sensor supply	≤ 200 mA from the AS-Interface, short-circuit and overload protection		
Short-circuit protection	electronic		
LED indicator	1 yellow LED per input		
Outputs			
Number of	—	4	
Supply voltage	—	ext. 24 V DC to DIN 19240, via M12 connection	
Current usage per output	—	2 A, 100 %	
Combined current	—	4 A	
Short-circuit protection	—	electronic, short-circuit and overload protected	
Filament lamp load	—	10 W	
Max. switching frequency	—	resistive load: 100 Hz; inductive load: 1 Hz	
LED indicator	—	LED yellow per output	
Diagnostics			
AS-Interface supply	flashing green LED codes to specification 2.11		
General data			
Supply temperature range	-20...60 °C		
Storage temperature range	-40...80 °C		
Mounting method	screw fixing		
Dimensions	34.5 x 126 x 30 mm	34.5 x 126 x 50 mm	
Weight	approx. 130 g	approx. 210 g	
Dimension drawing			
			
Accessories			
M12 blind plug	(1 set) 4 pieces		Art.-No. 55468
Notes			
Accessories see chapter 2.10. Connection cable can be found in chapter 1.			