

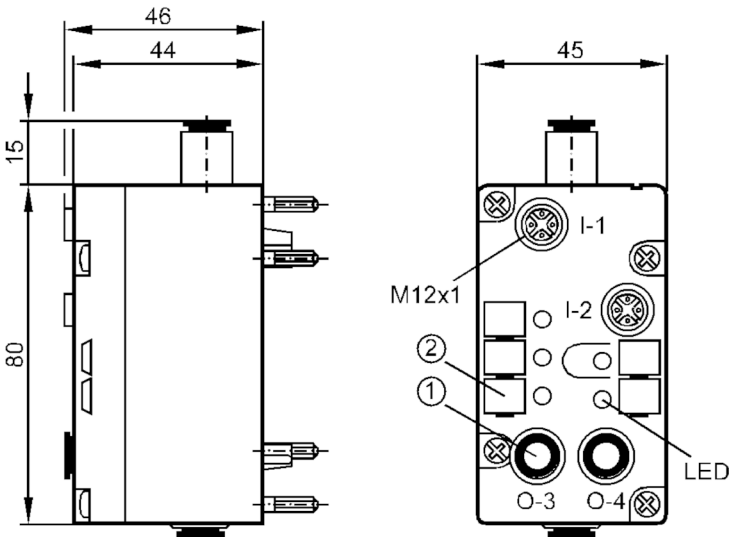


AS-Interface Airbox

AirBox/2DI/2PO M12

Article no longer available - archive entry

Alternative articles: AC2027
When selecting an alternative article and accessories please note that technical data may differ!



- 1 tube connection Ø 8 mm
- 2 panel for labelling



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 150
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of pneumatic outputs: 2
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	20...30
Max. total current rating of inputs	[mA]	100
Input current High	[mA]	> 3
Input current low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes



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Outputs					
Electrical design	AS-i				
Number of pneumatic outputs	2				
Operating conditions					
Ambient temperature	[°C]	0...55			
Note on ambient temperature	with special compressed air treatment: < 0 °C				
Protection	IP 67				
Tests / approvals					
EMC	EN 50295				
AS-i classification					
AS-i profile	S-3.F				
AS-i I/O configuration	[hex]	3			
AS-i ID code	[hex]	F			
AS-i certificate	10501				
Data bits	Data bit	D0	D1	D2	D3
	Inputs / outputs	I-1	I-2	O-3	O-4
Mechanical data					
Type of mounting	screw mounting				
Material	PBT				
Pneumatic system	2 x 3/2-way seat valves				
Operating pressure range	[bar]	2...8			
Operating pressure range	[MPa]	0.2...0.8			
Note on working pressure range	incl. possible pressure peaks				
Air flow at 6/5 bar	[l/min]	350			
Air flow at 6/0 bar	[l/min]	550			
Permissible compressed air	filtered (5 µm); lubricated (ISO-VG10) or not lubricated				
Tube fittings	Legris LF 3000/8				
Exhaust	exhaust can be discharged through tube connection				
Displays / operating elements					
Display	Power	LED, green			
	Function	LED, yellow			
Remarks					
Remarks	Please see the notes on compressed air and EMC/ESD under "Downloads"				
Pack quantity	1 pcs.				



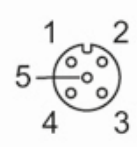
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Electrical connection

contact pins to module lower part, FK / PG:

Connector: M12; coding: A

A diagram of an M12 connector pinout. It shows a circular arrangement of five pins. Pin 1 is at the top, pin 2 is at the top-right, pin 3 is at the bottom-right, pin 4 is at the bottom, and pin 5 is at the top-left. A horizontal line connects pins 2 and 4, indicating they are internally bridged.

	Inputs
1	Sensor supply L+
2+4	Data input internally bridged
3	Sensor supply L-