

AC2037



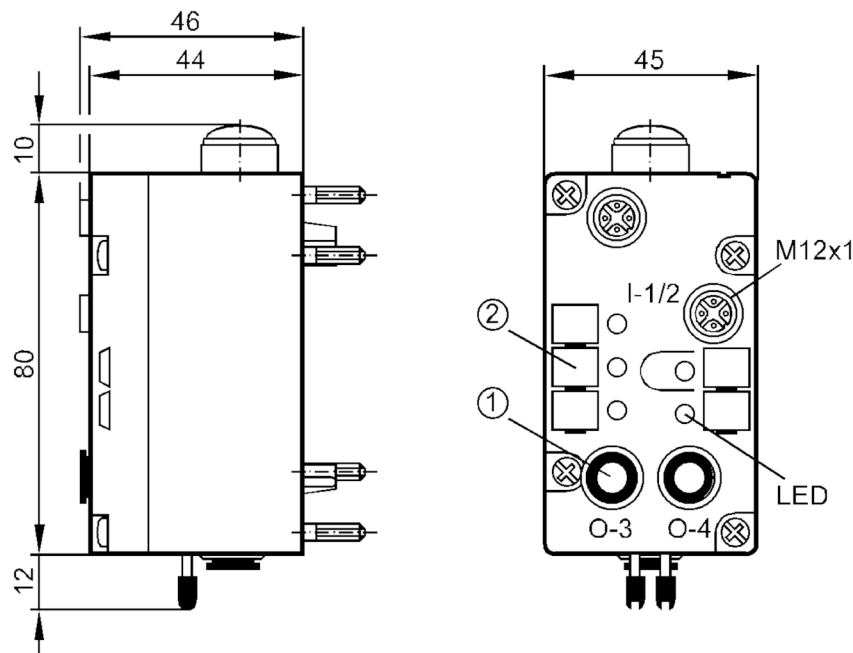
AS-Interface Airbox

AirBox 2DI 2PO M12

Article no longer available - archive entry

Alternative articles: AC2055

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
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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



AS-Interface Airbox

AirBox 2DI 2PO M12

Outputs						
Electrical design	AS-i					
Number of pneumatic outputs	2					
Operating conditions						
Ambient temperature	[°C]	0...55				
Protection	IP 65					
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				
Air flow at 6/5 bar	[l/min]	400				
Air flow at 6/0 bar	[l/min]	700				
Permissible compressed air	filtered (5 µm); lubricated (ISO-VG10) or not lubricated					
Tube fittings	Legris LF 3000/8					
Exhaust	integrated exhaust					
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.					



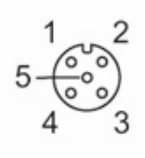
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AirBox 2DI 2PO M12

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 connector with five pins. The pins are numbered 1 through 5. 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. There are also two small circles between pins 1 and 2, and between pins 4 and 5, indicating internal bridging.

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