

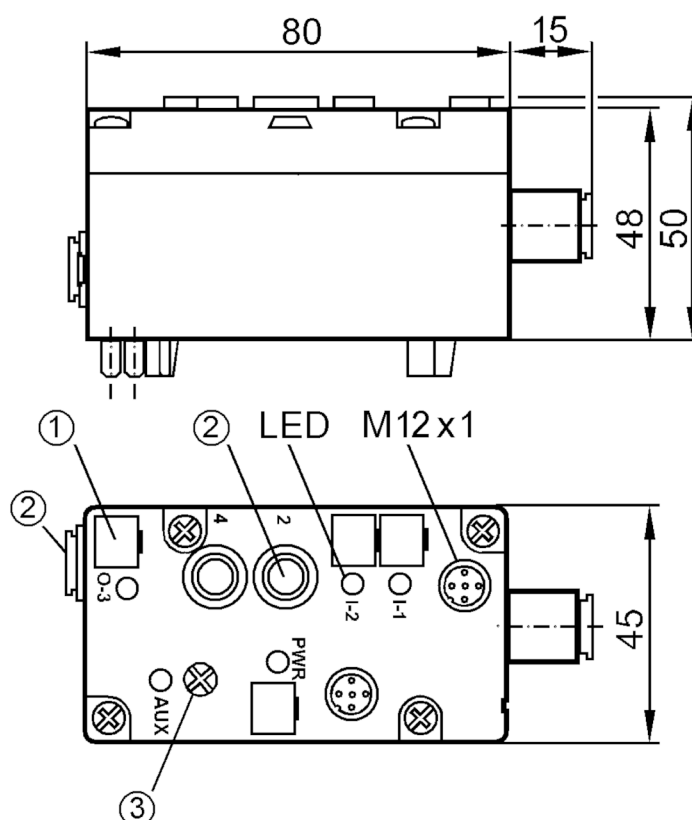
AS-Interface AirBox

Airbox 2DI 1PO M12 V2A

Article no longer available - archive entry

Alternative articles: AC2048

When selecting an alternative article and accessories please note that technical data may differ!



- 1 panel for labelling
- 2 tube connection Ø 8 mm
- 3 screw for manual override



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 165
Additional voltage supply	[V]	18...30 DC; (to PELV)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of pneumatic outputs: 1
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Inputs

Number of digital inputs	2
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Power supply [V]	20...30
Max. total current rating of inputs [mA]	100
Input current High [mA]	> 3



AS-Interface AirBox

Airbox 2DI 1PO M12 V2A

Input current Low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes

Outputs

Electrical design	AS-i
Number of pneumatic outputs	1

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
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AS-i classification

AS-i profile	S-3.F				
AS-i I/O configuration	[hex]	3			
AS-i ID code	[hex]	F			
Assignment of the data bits	data bit	D0	D1	D2	D3
	Inputs / outputs	I-1	I-2	O-3	not used

Mechanical data

Type of mounting	screw mounting	
Materials	housing: PBT; metal parts: stainless steel (1.4305 / 303); Sealing: FKM	
Pneumatic system	1 x 4/2-way seat valve	
Operating pressure range	[bar]	3...8
Operating pressure range	[MPa]	0.3...0.8
Note on working pressure range	incl. possible pressure peaks	
Air flow at 6/5 bar	[l/min]	500
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	

Displays / operating elements

Display	operation	LED, green
	function	LED, yellow

Electrical connection

Module connection	Flat cables
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Accessories

Accessories (optional)	silencer:, E75232
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Remarks

Remarks	Please see the notes on compressed air and EMC/ESD under "Downloads"
Pack quantity	1 pcs.

Electrical connection

contact pins to module lower part, FK / PG:

Connection