

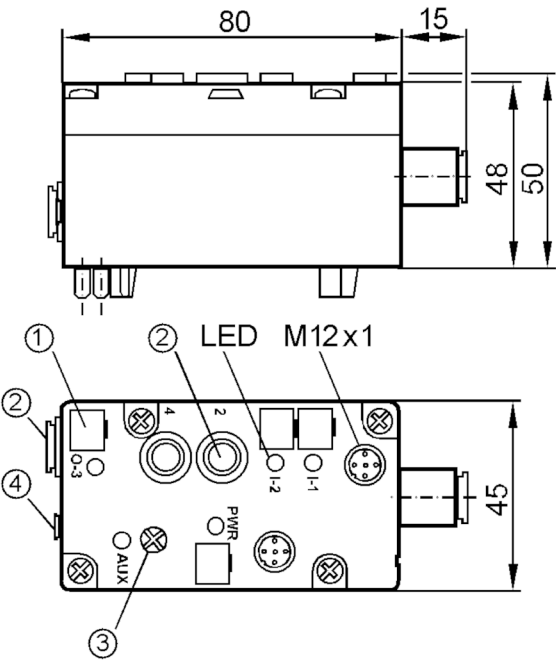


AS-Interface AirBox

AirBox 2DI 1PO M12

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
- 4 tube connection Ø 4 mm auxiliary air



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
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
Input current Low	[mA]	< 1.5
Switching level high	[V]	> 10



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Digital inputs protected against short circuits	yes
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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				
AS-i certificate	10501				
Assignment of the data bits	data bit	D0	D1	D2	D3
	socket	I-1	I-1 / I-2	O-3	-
	pin	4	2 / 4	-	-

Mechanical data

Type of mounting	screw mounting
Materials	PBT
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
Auxiliary air 90 % vacuum [bar]	3...8
Auxiliary air 90 % vacuum [MPa]	0.3...0.8
Tube fittings	Legris LF 3000/8

Displays / operating elements

Display	operation	LED, green
	function	LED, yellow

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-E / PG:

Connection

AC2049

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Connector: M12
