

AC2047

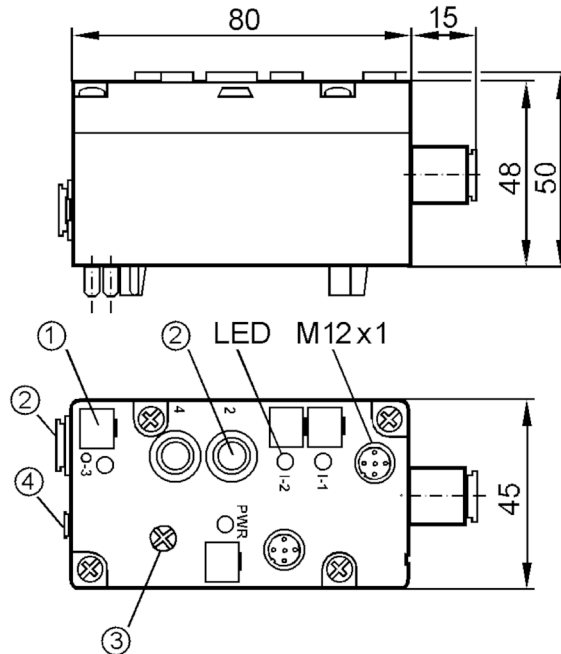


AS-Interface AirBox

AirBox 2DI 1PO M12

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- 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
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
Voltage supply	[V] 20...30
Max. total current rating of inputs	[mA] 100
Input current High	[mA] > 3
Input current Low	[mA] < 1.5
Min. switching level high signal	[V] 10
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				
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 pending	yes				
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	AS-i interface to FC lower parts				
Materials	PBT				
Pneumatic system	one 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 / LF 3000/4				
Exhaust	exhaust can be discharged through tube connection				
Displays / operating elements					
Display	operation	LED, green			
	function	LED, yellow			
Accessories					
Accessories (optional)	silencer, E75232				
Remarks					
Pack quantity	1 pcs.				
Electrical connection					
contact pins to module lower part, FK / PG:					
Connection					
Connector: M12					

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