

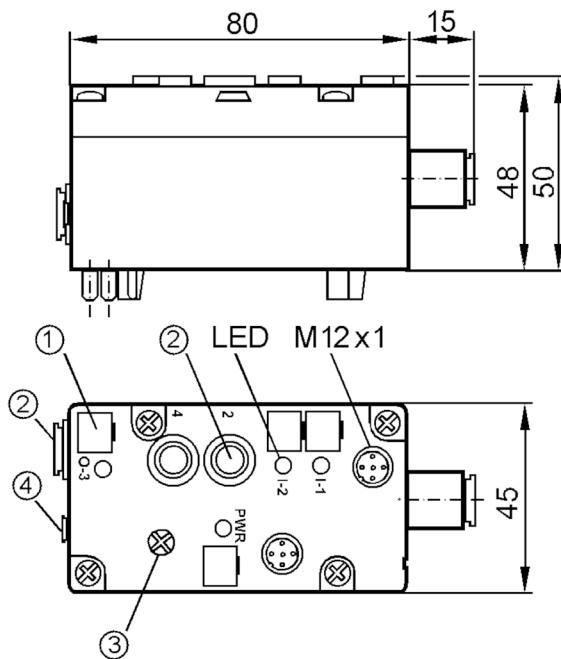
AS-Interface AirBox

AirBox 2DI 1PO M12

Article no longer available - archive entry

Alternative articles: AC2057

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

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

Digital inputs protected against short circuits yes

AC2047



AS-Interface AirBox

AirBox 2DI 1PO M12

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															
Assignment of the data bits		<table border="1"><tr><td>data bit</td><td>D0</td><td>D1</td><td>D2</td><td>D3</td></tr><tr><td>socket</td><td>I-1</td><td>I-1 / I-2</td><td>O-3</td><td>-</td></tr><tr><td>pin</td><td>4</td><td>2 / 4</td><td>-</td><td>-</td></tr></table>	data bit	D0	D1	D2	D3	socket	I-1	I-1 / I-2	O-3	-	pin	4	2 / 4	-	-
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 / 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																	
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																	
Connector: M12																	