

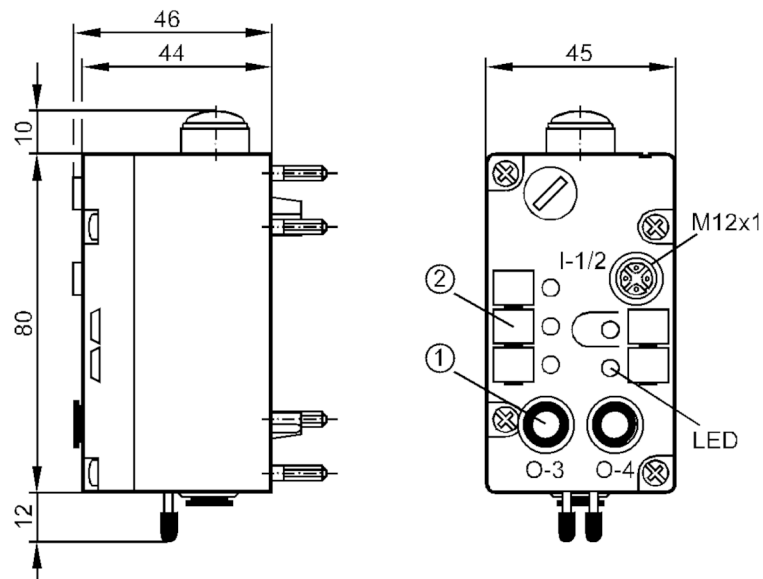


AS-Interface AirBox

AirBox/1x2DI/2PO M12

Article no longer available - archive entry

Alternative articles: AC2042
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
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Подача напруги	[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



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Outputs						
Electrical design		AS-i				
Number of pneumatic outputs		2				
Operating conditions						
Ambient temperature		[°C]	0...55			
Note on ambient temperature		with special compressed air treatment: < 0 °C				
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				
Assignment of the 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				
Materials		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]	350			
Air flow at 6/0 bar		[l/min]	550			
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		operation			LED, green	
		function			LED, yellow	
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:						
Connector: M12; coding: A						
