

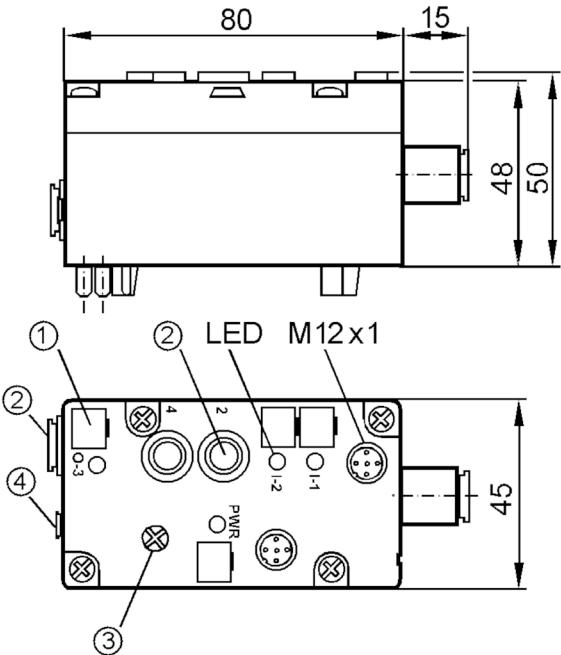


AS-Interface Airbox

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
Voltage 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



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			
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				
Material	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	Power	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					