

AC2058

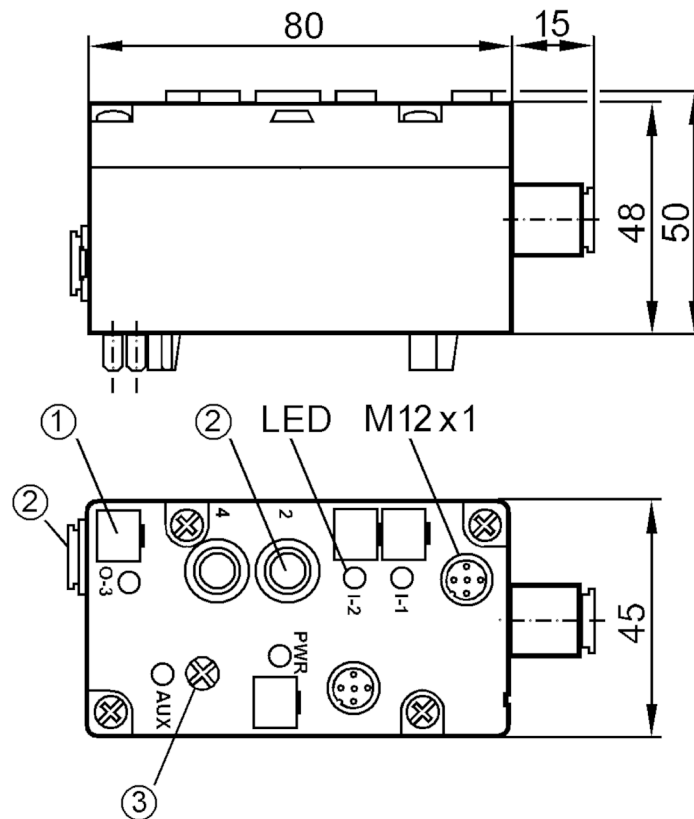


AS-Interface AirBox

Airbox 2DI 1PO M12 V2A

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- 1 panel for labelling
- 2 tube connection \varnothing 8 mm
- 3 screw for manual override



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



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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	
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
		Inputs / outputs	I-1	I-2	O-3	not used
Mechanical data						
Type of mounting					AS-i interface to FC-E lower parts	
Materials					housing: PBT; metal parts: stainless steel (1.4305 / 303); Sealing: FKM	
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	
Tube fittings					Legris LF 3000/8	
Displays / operating elements						
Display			operation		LED, green	
			function		LED, yellow	

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Accessories	
Accessories (optional)	silencer, E75232
Remarks	
Pack quantity	1 pcs.
Electrical connection	
contact pins to module lower part, FK / PG:	
Connection	

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