

- 1: label
- 2: tube connection 8 mm
- 3: screw for manual override



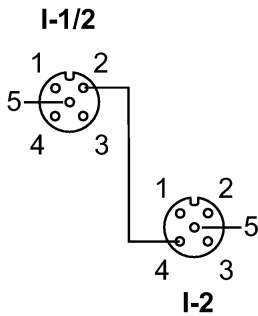
Product characteristics

AS-i AirBox	
AS-i interface to FC lower parts	
Sockets M12 x 1	
Connection to the pneumatic system by tube fittings	
1 x 2 or 2 x 1 digital inputs	
1 pneumatic output (NO/NC selectable)	
Electrical data	
Electrical design	2 inputs / 1 output NO/NC selectable (monostable)
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 165
Inputs digital	
Circuit	PNP
Sensor supply	AS-i
Voltage range [V]	20...30 DC
Max. current load for all inputs total [mA]	100
Input current High/Low [mA]	> 3 / < 1.5
Switching level High signal 1 [V]	> 10
Short-circuit proof	yes
Outputs digital	
Output function	common exhaust with tube connection
Integrated watchdog	yes
Environment	
Ambient temperature [°C]	0...55, use below 0 °C possible with a special compressed air treatment
Protection	IP 67
Tests / approvals	
EMC	EN 50295
AS-i classification	

AC2057 - AS-i AirBox - eclass: 27242613 / 27-24-26-13

AS-i profile	S-3.F				
I/O configuration [hex]	3				
ID code [Hex]	F				
AS-i certificate	in preparation				
Data bits	Data bit	D0	D1	D2	D3
	In-/outputs	I-1	I-2	O-3	not used
Mechanical data					
Pneumatic system	one 4/2-way seat valve				
Operating pressure range [bar]	3...8 *)				
Air flow at 6/5 bar [Nl/min]	500				
Air flow at 6/0 bar [Nl/min]	700				
Permissible compressed air	filtered (5 µm); lubricated (ISO-VG10) or not lubricated				
Tube fitting [type/mm]	Legris LF 3000/8				
Housing materials	housing: PBT; Metal parts: stainless steel (303S22); sealing: Viton				
Weight [kg]	0.249				
Displays / operating elements					
Power LED	green				
Function display LED	yellow				
Electrical connection					
Connection	contact pins on FC or SC lower module				

Wiring



- Input
Socket I-1/2
- 1: Sensor supply L+
 - 2: Data input 2
 - 3: Sensor supply L-
 - 4: Data input 1
 - 5: not used
- Socket I-2
- 1: Sensor supply L+
 - 2: not used
 - 3: Sensor supply L-
 - 4: Data input 2
 - 5: not used

Accessories	
Accessories (optional)	Silencer (E75232)
Remarks	
Remarks	*) incl. possible pressure peaks Notes on compressed air and EMC/ESD at www.ifm.com
Pack quantity [piece]	1