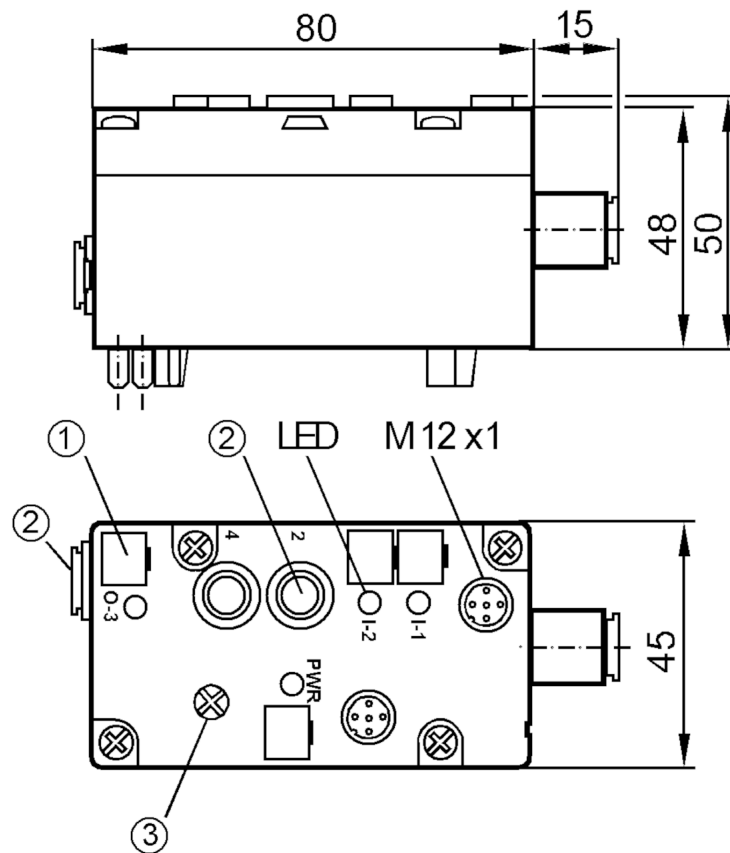


AC2057



AS-Interface Airbox

Airbox 2DI 1PO M12 V2A



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



Application

Application: field installation

Electrical data

Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	165
Integrated watchdog	yes

Inputs / outputs

Number of inputs and outputs: Number of digital inputs: 2; Number of pneumatic outputs: 1

AC2057



AS-Interface Airbox

Airbox 2DI 1PO M12 V2A

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					
Number of pneumatic outputs				1; (pneumatic NO/NC selectable output ; monostable)	
Actuator supply outputs				AS-i	
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					
Extended addressing mode				no	
AS-i profile				S-3.F	
AS-i I/O configuration [hex]				3	
AS-i ID code [hex]				F	
AS-i certificate pending				yes	
Data bits	Data bit	D0	D1	D2	D3
	Inputs / outputs	I-1	I-2	O-3	not used
Mechanical data					
Weight [g]				243	
Type of mounting				screw mounting	
Material				housing: PBT; metal parts: stainless steel (1.4305 / 303); sealing: FKM	
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	
Tube fittings				Legris LF 3000/8	
Exhaust				exhaust can be discharged through tube connection	

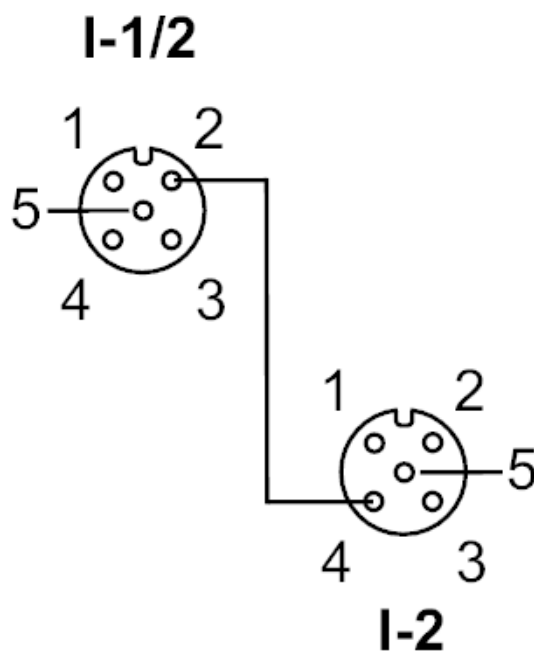
AC2057



AS-Interface Airbox

Airbox 2DI 1PO M12 V2A

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		



AC2057



AS-Interface Airbox

Airbox 2DI 1PO M12 V2A

	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