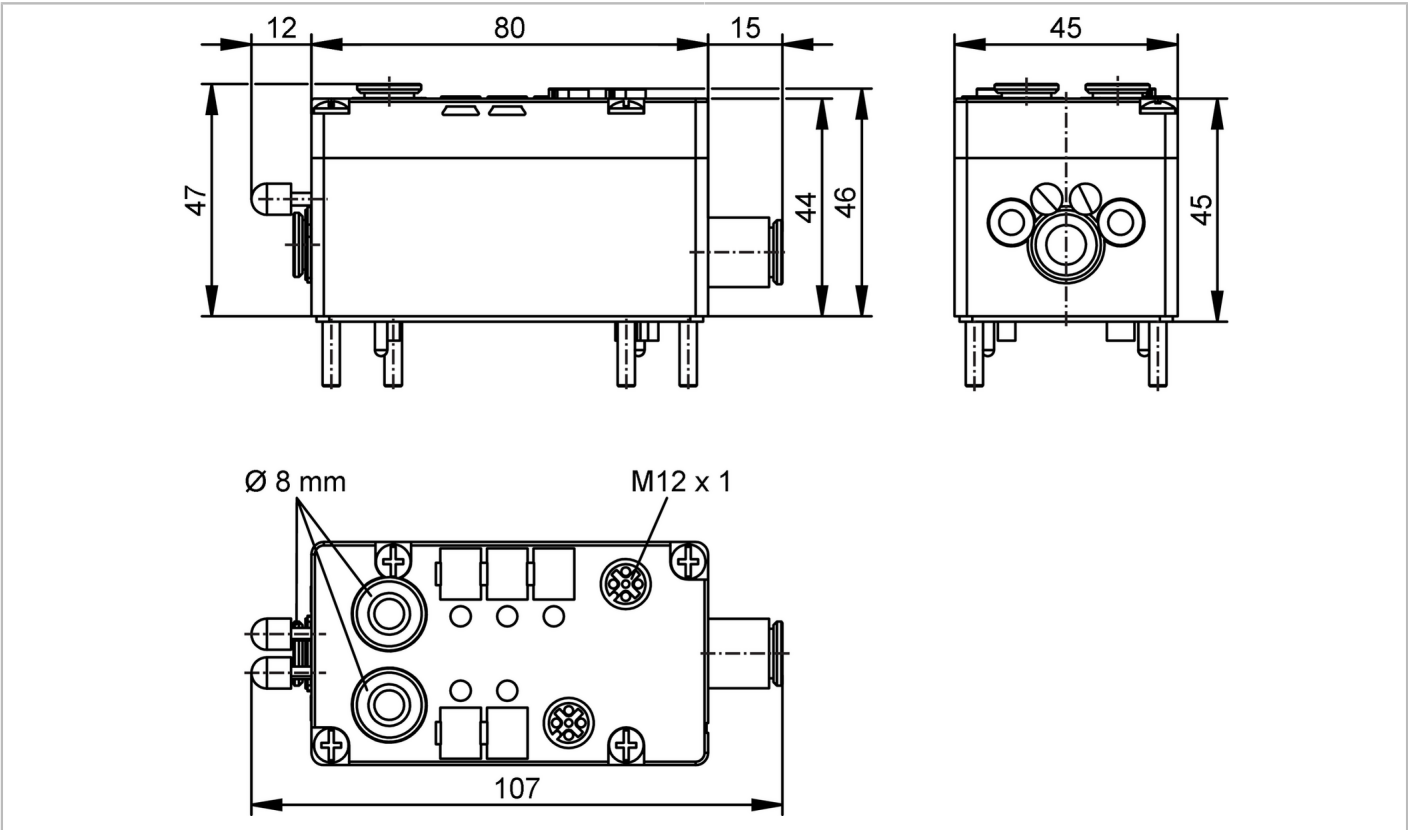




AS-Interface Airbox

AirBox 2DI 2PO M12



Application		
Application	field installation; for use in wet environments	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[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
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 2PO M12

Outputs					
Number of pneumatic outputs	2				
Actuator supply outputs	AS-i				
Operating conditions					
Ambient temperature	[°C]	0...55			
Note on ambient temperature	with special compressed air treatment: < 0 °C				
	the derating of the current load indicated in the operating instructions is to be taken into account at the following ambient temperature: > 50 °C				
Storage temperature	[°C]	-20...80			
Max. relative air humidity	[%]	90; (non condensing)			
Max. height above sea level	[m]	2000			
Protection	IP 67				
Pollution degree	2				
Tests / approvals					
EMC	EN 62026-2				
	EN IEC 61000-6-2				
	EN IEC 61000-6-4				
	EN IEC 61326-1				
AS-i classification					
Extended addressing mode	no				
AS-i master profile	M2; M3; M4				
AS-i profile	S-3.F.F				
AS-i I/O configuration	[hex]	3			
AS-i ID code	[hex]	F.F			
Data bits	Data bit	D0	D1	D2	D3
	Inputs / outputs	I-1	I-2	O-3	O-4
Mechanical data					
Weight	[g]	254.5			
Housing	rectangular				
Type of mounting	AS-i interface to FC and SC lower parts				
Dimensions	[mm]	45 x 80 x 47			
Material	housing: PBT				
Pneumatic system	2 x 3/2-way seat valves				
Operating pressure range	[bar]	2...8			
Note on working pressure range	incl. possible pressure peaks				
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	exhaust can be discharged through tube connection				
Displays / operating elements					
Display	Power	LED, green (AS-i)			
	Switching status	LED, yellow (I1...I2, O3...O4)			



AS-Interface Airbox

AirBox 2DI 2PO M12

Electrical connection	
Module connection	Flat cable
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 - Socket I-1	
contact pins to module lower part, FK / PG:	
Connector: M12; coding: A; Contacts: 4	
1	Inputs
	Sensor supply L+
2+4	Data input internally bridged I1
3	Sensor supply L-
Electrical connection - Socket I-2	
contact pins to module lower part, FK / PG:	
Connector: M12; coding: A; Contacts: 4	
1	Inputs
	Sensor supply L+
2+4	Data input internally bridged I2
3	Sensor supply L-