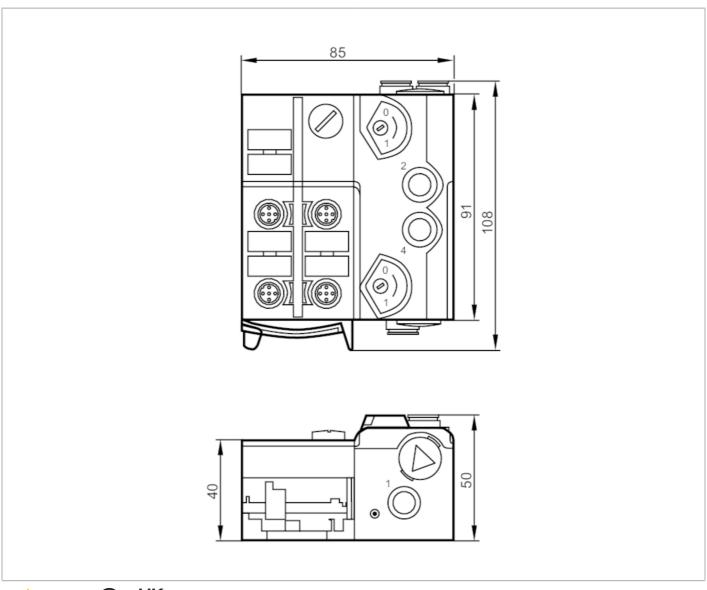
## AS-Interface Airbox with quick mounting technology











Application		
Application		field installation
Medium temperature	[°C]	-1050
Electrical data		
Operating voltage	[V]	26.531.6 DC
Max. current consumption from AS-i	[mA]	280
Additional voltage supply	[V]	1830 DC; (to PELV)
Additional voltage supply		required
Max. current consumption from additional supply	[mA]	10
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and output	S	Number of digital inputs: 4; Number of pneumatic outputs: 2

# AS-Interface Airbox with quick mounting technology



Inputs							
Number of digital inputs				4			
Input circuit of digital inputs		PNP					
Sensor supply of the inputs		AS-i					
Power supply	[V]	2030; (via flat cable)					
Max. total current rating of inputs	[mA]	200					
Input current High	[mA]	610					
Input current Low	[mA]	02					
Switching level high	[V]	> 11					
Digital inputs protected against short circuits		yes					
Outputs							
Number of pneumatic output	ts		2;	(supply: external 24 V	power supply)		
Actuator supply outputs				AUX			
Operating conditions							
Ambient temperature	[°C]	-1055					
Protection		IP 65; IP 67					
Tests / approvals							
EMC		EN 50295					
		IEC 61000-6-2					
MTTF	[years]			216			
AS-i classification							
AS-i version				2.11; 3.0			
AS-i addressing		addressing socket					
Extended addressing mode		yes					
AS-i profile		S-7.A.E					
AS-i I/O configuration	[hex]			7			
AS-i ID code	[hex]	A.E					
Assignment of the data bits		data bit	D0	D1	D2	D3	
		input	1	2	3	4	
		socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4	
		pin	4	2 4	4	2 4	
Machanical data		pneumatic outpu	ıt <u>Z</u>	4		<u> </u>	
Mechanical data	[a]			204			
Weight Type of mounting	[g]	384					
Type of mounting		quick mounting					
Materials  Provinction system		PA; POM; piercing contacts: CuSn6 nickel-plated and tin-plated					
Pneumatic system	[la a vi]	1 x 5/3-way slide valve (free from overlapping); middle position blocked					
Operating pressure range	[bar]	38					
Operating pressure range	[MPa]	0.30.8					
Operating pressure range	[psi]	43.5116					
Air flow at 6/5 bar	[l/min]	400					
Permissible compressed air		non-lubricated compressed air class 6-3-1; lubricated compressed air class 6-3-4					
Manual override			press	ing/releasing or press	ing/turning/lockir	ng	

#### AS-Interface Airbox with quick mounting technology



Tube fittings	8 mm				
Exhaust	exhaust can be discharged through tube connection				
Displays / operating elements					
Display	operation	LED, green			
	errors	LED, red			
	function	LED, yellow			
Electrical connection					
Module connection	Flat cables				
Accessories					
Items supplied	lower part				
Accessories (optional)	Mounting plate:, E74999				
	Module lower part:, E75000				
	Protective cap: M12, E73004				
	sealing plugs:, E75231				
	silencer:, E75232				
	Push-in L-fitting:, E75228				
	Push-in T-fitting:, E75227				
Remarks					
Remarks	If not pneumatically operated, E75231 sealing plug must be inserted.				
	Avoid ingress of dirt and dust.				
	Do not connect any of the following points to an external potential:				
	L-, L+, I-1, I-2, I-3, I-4				
	The connections are electrically connected with the AS-i cable.				
	Please see the notes on compressed air and EMC/ESD under "Downloads"				
Pack quantity	1 pcs.				

#### AS-Interface Airbox with quick mounting technology



AirBox 5/3 closed 4DI-Y AUX

#### **Electrical connection**

quick mounting technology for AS-i flat cable: ; three orientations possible

#### Connection

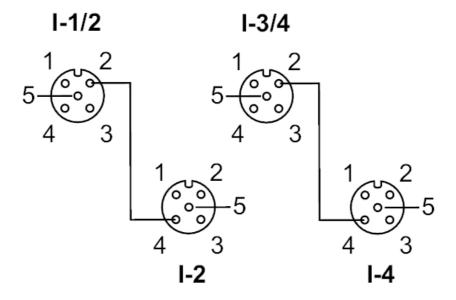
Connector: M12

4

5

data input 4

not used



#### Inputs 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 socket I-3/4 1 Sensor supply L+ 2 data input 4 3 Sensor supply Ldata input 3 4 5 not used socket I-4 1 Sensor supply L+ 2 not used 3 Sensor supply L-

#### AS-Interface Airbox with quick mounting technology



