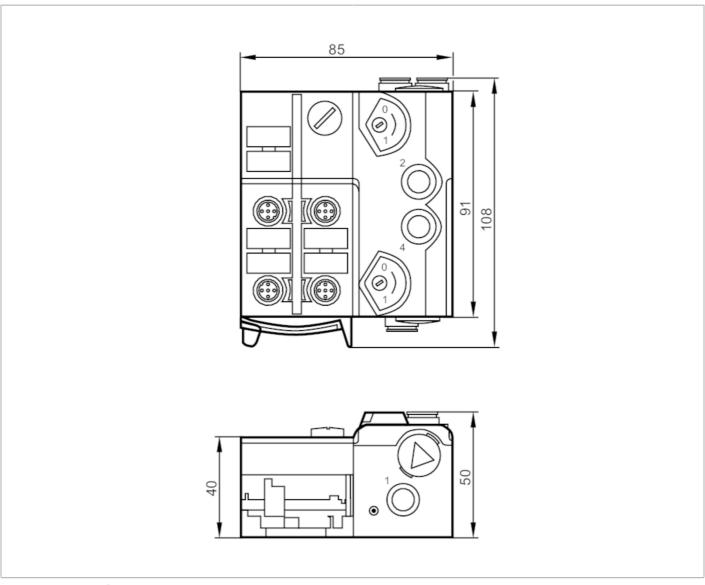
## AS-Interface Airbox with quick mounting technology











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 outputs		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]	20030, (via nat cable)				
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 outpu	ts		2; (supply	: external 24 V pov	wer supply)	
Actuator supply outputs		AUX				
Operating conditions						
Ambient temperature	[°C]			-1055		
Protection		IP 65; IP 67				
Tests / approvals				<u> </u>		
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 master profile		M2; M3; M4				
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	1-3/4 1-4
		pin pneumatic output	2	2 4	<u>4</u>	2 4
Mechanical data		priodificatio output	_			
Weight	[g]			384		
Type of mounting	ເອາ	quick mounting				
Materials		PA; POM; piercing contacts: CuSn6 nickel-plated and tin-plated				
Pneumatic system		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-lubricate	ed compressed air		ated compressed	air class 6-3-4
- IIII Compressed the		- Hon labilitati	ou compressed all	5.300 0 E, IUDITO	compressed	0.000 0 0 T

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



Manual override	pressing/releasing or pressing/turning/locking				
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 pneuma	atically 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

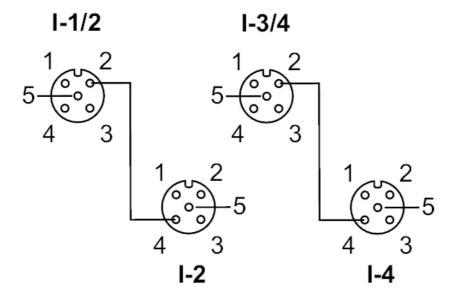




#### **Electrical connection**

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

#### Connection



#### Connector: M12 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-4 data input 4 5 not used

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



