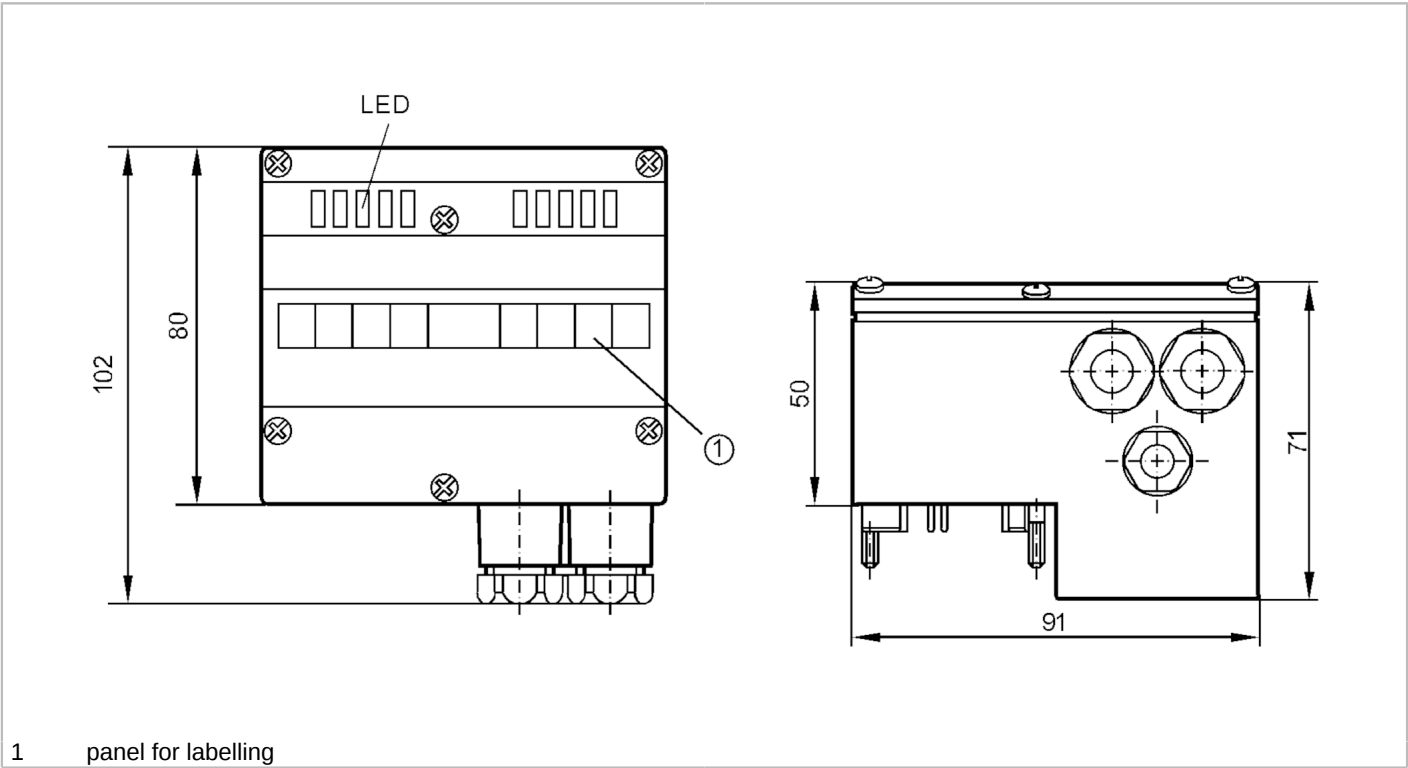




AS-Interface universal module

UniversalModule 2AI(C) IP65



1 panel for labelling



Application		
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	140
Reverse polarity protection		yes
Additional voltage supply	[V]	24...30 DC; (AUX)
Additional voltage supply		optional
Max. current consumption from additional supply	[mA]	550; (AUX)
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 2
Inputs		
Sensor supply of the inputs		AS-i / AUX
Max. total current rating of inputs	[mA]	100
Number of analogue inputs		2; (Anschluss von 2-, 3-, 4-Draht-Sensoren)
Analogue input (current)	[mA]	4...20
Analogue inputs protected against short circuits		no
Resolution of analogue input		16 (1 bit = 1 μ A)
Precision analogue input	[%]	0,5



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Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 65

Tests / approvals		
EMC	EN 50295	
MTTF	[years]	150

AS-i classification							
AS-i master profile	M3; M4						
AS-i profile	S-7.3.D						
AS-i I/O configuration	[hex]	7					
AS-i ID code	[hex]	3.D					
Assignment of the parameter bits	parameter bit	Designation					
	P0	filter in the A/D converter	: 1	50 Hz	* / 0	60 Hz	
	P1	channel	2: 1	projected	/ 0	not projected	
	P2	peripheral fault	: 1	activated	/ 0	deactivated	
	P3	not used	: 1	reserved	/ 0	not reserved	

Mechanical data		
Weight	[g]	287
Type of mounting	AS-i interface to FC-E lower parts	
Materials	PBT	

Displays / operating elements		
Display	analogue signal	LED, yellow channels AI1...AI2
	operation	LED, green AS-i, AUX
	errors	LED, red

Electrical connection	
Module connection	Flat cables

Remarks	
Pack quantity	1 pcs.

Electrical connection	
cage clamps:	

AC2616



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contact pins to module lower part, FK / FK-E / PG:

Connection



- | | |
|----|---------------------------|
| 1 | I+ Sensor supply 2 +24V |
| 2 | C2 analogue input mA |
| 3 | I- Sensor supply 2 0V |
| 4 | COM 2 analogue input 2 0V |
| 5 | Shield |
| 6 | Shield |
| 7 | I+ Sensor supply 1 +24V |
| 8 | C1 analogue input mA |
| 9 | I- Sensor supply 1 0V |
| 10 | COM 1 analogue input 1 0V |
| 11 | FE functional earth |
| 12 | FE functional earth |