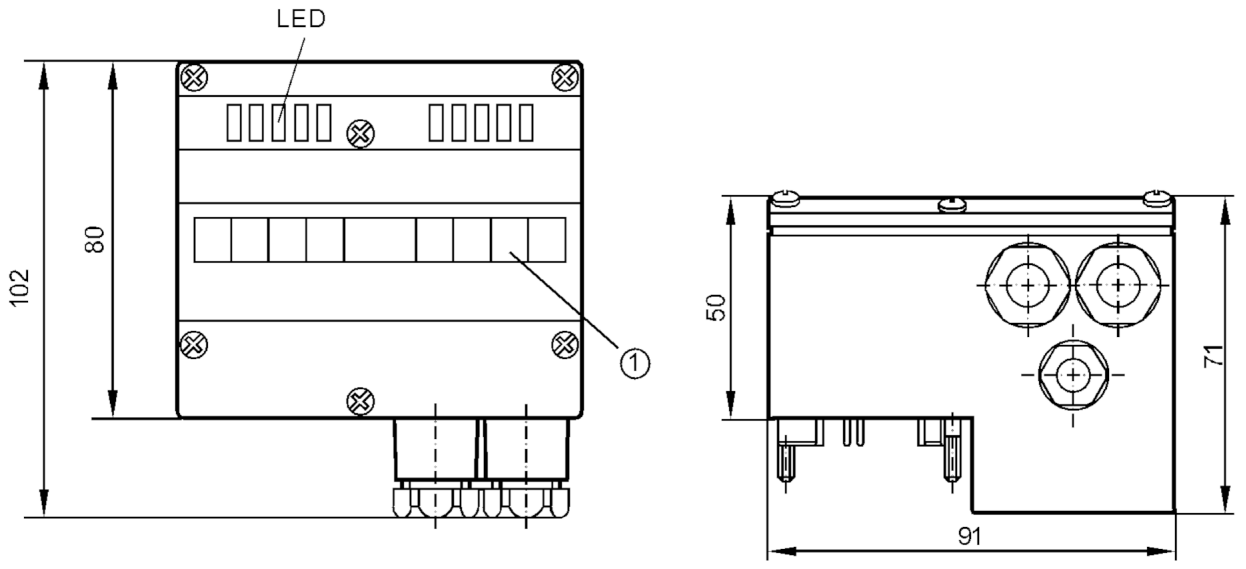
AC2617

AS-Interface universal module

UniversalModule 2AI(V) IP65



1 panel for labelling

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	4...36; (external supply)
Max. current consumption from AS-i	[mA]	36; (with external supply: 32 mA)
Reverse polarity protection		yes
Additional voltage supply	[V]	24 DC
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 2
Inputs		
Number of analogue inputs		2; (Anschluss von 2-, 3-, 4-Draht-Sensoren)
Sensor supply of the inputs		AS-i/external
Analogue input (voltage)	[V]	0...10
Analogue inputs protected against short circuits		no
Resolution of analogue input		16 (1 bit = 1 mV)
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Protection		IP 65
Tests / approvals		
EMC		EN 50295
MTTF	[years]	140

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AS-i classification

AS-i profile		S-7.3.D
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	3.D
AS-i certificate pending		yes

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]	287.5
Type of mounting		AS-i interface to FC-E lower parts
Materials		PBT

Displays / operating elements

Display

switching status	LED, green channels 1, 2
operation	LED, green Voltage AS-i - AS-i
errors	LED, red
function	LED, green Voltage A/D converter

Remarks

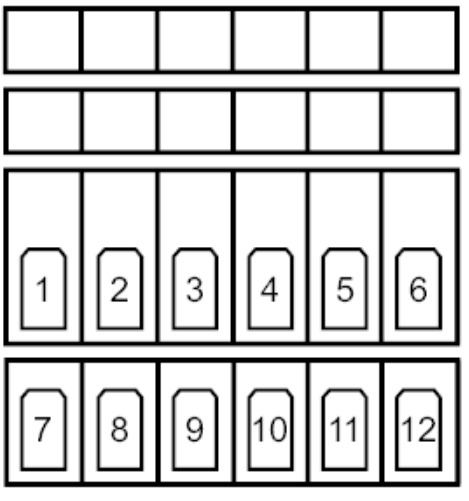
Pack quantity	1 pcs.

Electrical connection

cage clamps:

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

Connection



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1	I+ Sensor supply 2 +24V
2	V2 analogue input V
3	I- Sensor supply 2 0V
4	COM 2 analogue input 2 0V
5	Shield
6	Shield
7	I+ Sensor supply 1 +24V
8	V1 analogue input V
9	I- Sensor supply 1 0V
10	COM 1 analogue input 1 0V
11	FE functional earth
12	FE functional earth