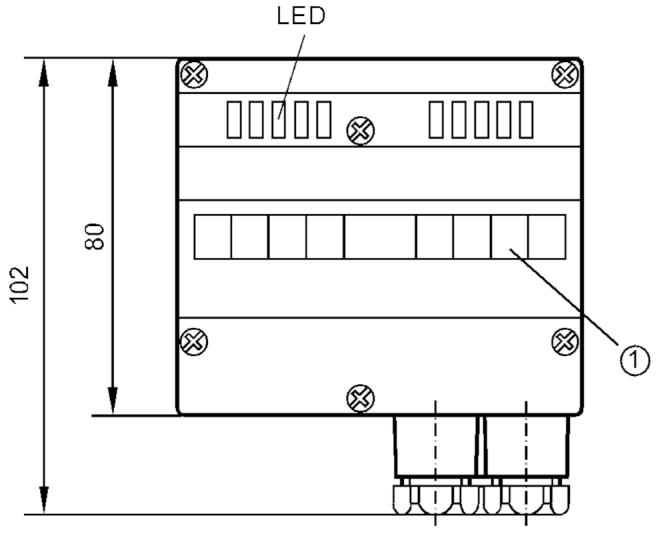
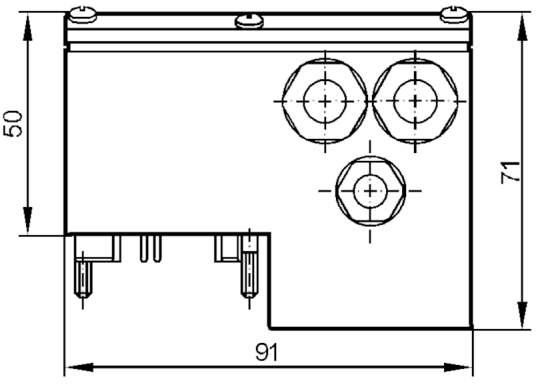
AC2616

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
Short-circuit proof		no
Resolution		16 (1 bit = 1 µA)
Accuracy	[%]	0,5
Operating conditions		
Ambient temperature	[°C]	0...70

AC2616

AS-Interface universal module

UniversalModule 2AI(C) IP65

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
Housing		rectangular
Type of mounting		AS-i interface to FC-E lower parts
Dimensions	[mm]	102 x 91 x 71
Materials		housing: 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

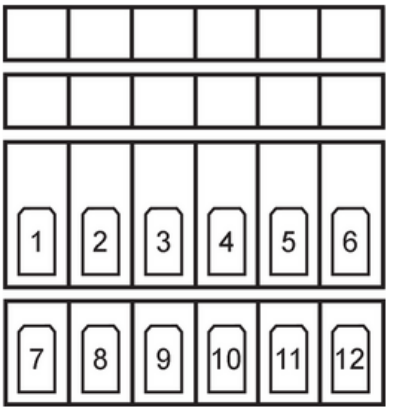
Pack quantity	1 pcs.

Electrical connection

cage clamps:

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