AC2620
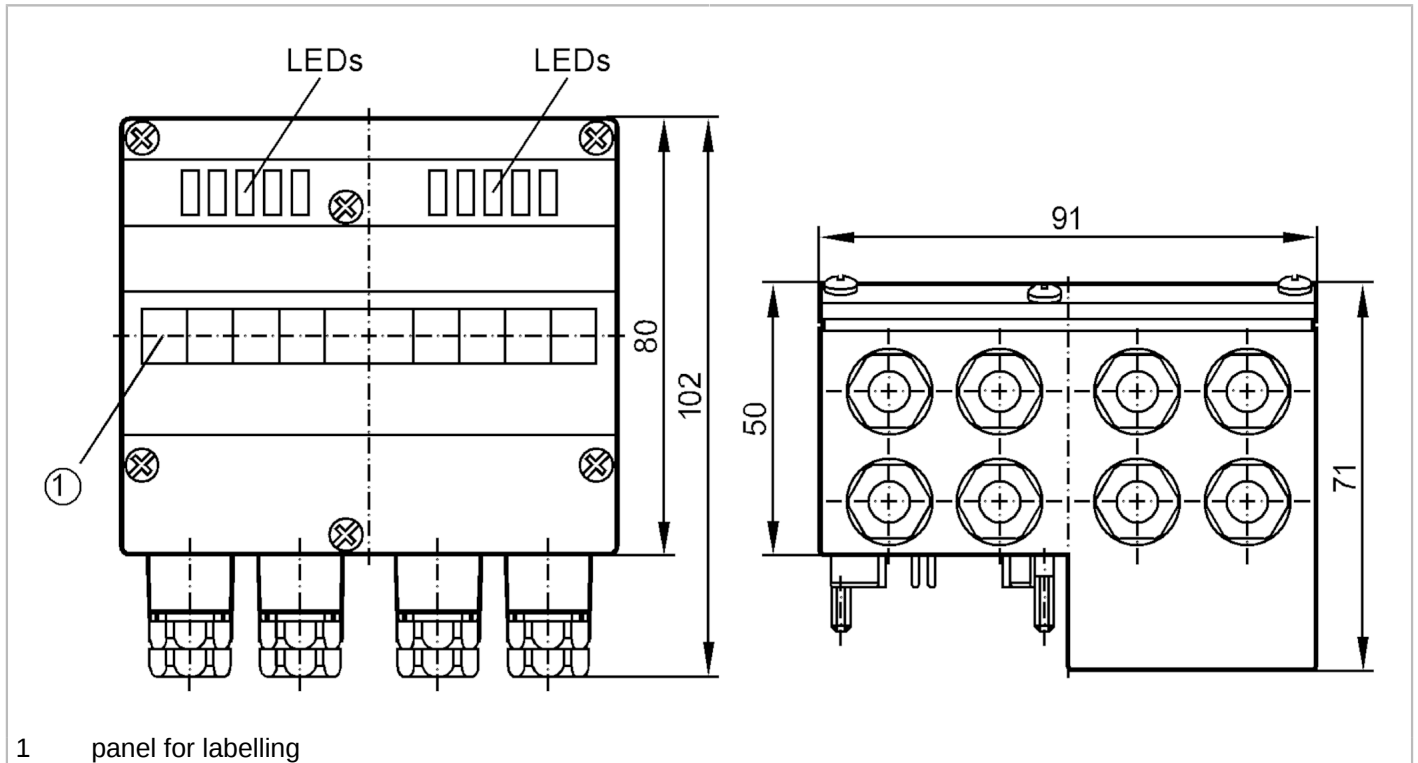
AS-Interface universal module

UniversalModule 4AI(Pt100)IP65

1 panel for labelling

Product characteristics		
Number of inputs and outputs		Number of Pt100 inputs: 4
Measuring range	[°C]	-200...850
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	80
Reverse polarity protection		yes
Inputs / outputs		
Number of inputs and outputs		Number of Pt100 inputs: 4
Inputs		
Number of Pt100 inputs		4
Sensor supply of the inputs		AS-i
Voltage supply	[V]	24
Max. total current rating of inputs	[mA]	20
Digital inputs protected against short circuits		yes
Resolution of analogue input		16 / 0.1 °C
Outputs		
Resolution of analogue output		16 bit / 0.1 °C
Measuring/setting range		
Measuring range	[°C]	-200...850

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AS-Interface universal module

UniversalModule 4AI(Pt100)IP65

Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Protection		IP 65

Tests / approvals		
EMC		EN 50295
MTTF	[years]	150

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

	parameter bit	Designation					
Assignment of the parameter bits	P0	filter in the A/D converter	: 1	50 Hz	* / 0	60 Hz	
	P1	peripheral fault		coding	: 1 / 0		
	P2	peripheral fault		coding	: 1 / 0		
	P3	Pt100 elements	: 1	2-wire	/ 0	3-wire	

Mechanical data		
Weight	[g]	299
Type of mounting		AS-i interface to FC lower parts
Materials		PBT

Displays / operating elements		
Display	switching status	LED, green channels 1...4
	operation	LED, green Voltage AS-i - AS-i
	errors	LED, red

Remarks	
Pack quantity	1 pcs.

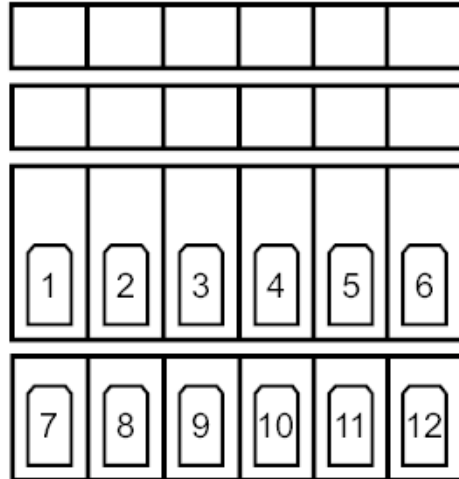| Electrical connection |
|---|
| cage clamps: |

AC2620

AS-Interface universal module

UniversalModule 4AI(Pt100)IP65

contact pins to module lower part, FK / PG:

Connection

1	channel 1+
2	S1-
3	channel 1-
4	channel 2+
5	S2
6	channel 2-
7	channel 3+
8	S3-
9	channel 3-
10	channel 4+
11	S4-
12	channel 4-