

AS-i Analog Module: 2 Pt100 Inputs + 2 Relais Outputs

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...
THE AS-INTERFACE MASTERS

2 Pt100 Inputs + 2 Relais Outputs

Profile 7.3 "Plug and Play"
As simple as digital AS-i I/O

High protection category IP65



Article no. BWU1552

The analog module has 2 Pt100 inputs and 2 relais outputs. The conversion of the measured value and the data transmission via AS-i occurs asynchronously according to AS-i Profile 7.3. 2 analog sensors can be connected via cage clamp terminals. The sensors can be supplied by AS-i. The resolution of the analog

data is 16 bit/0,1°C. The Pt100 module contains 50 Hz and 60 Hz filters. These filters can be optionally activated with the help of the AS-i parameters.

The relais outputs are galvanically isolated SPDT Reed-relais. They are switched with parameter bits P2 and P3.

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Inputs	2 Pt100 inputs
Outputs	2 relais outputs
Supply	via AS-i/extern
Resolution/Bit	16 bit/0,1 °C
Measuring range [°C]	-200°C ... +850°C
AS-i Profile	7.3
ID Code	3 _{hex}
ID2 Code	D _{hex}
IO Code	7 _{hex}
Displays	
LED green (Analog 1)	analog signal 1
LED green (Analog 2)	analog signal 2
LED yellow (Rel 1)	relais 1
LED green (PWR)	AS-i voltage
LED red (FAULT)	AS-i communication error, peripheral fault
LED yellow (Rel 2)	relais 2
Operating current	< 80 mA
Operating voltage	AS-i (30 V DC)
Voltage of insulation	≥ 500 V
Relais	SPDT, max 50 V, max. 0.5 A
EMC directions	EN 50 081-2, EN 61 000-6-2
Ambient operating temperature	0°C ... +70°C
Storage temperature	-25°C ... +85°C
Housing	housing for DIN-rail mounting
Case connector	8*M12x1,5
Dimensions (L, W, H)	90 mm, 80 mm, 70 mm
Protection category (DIN 40 050)	housing IP65

Connections:

1	channel 1+	7	relais 1 - NO
2	channel 1 Sense-	8	relais 1 - COM
3	channel 1 -	9	relais 1 - NC
4	channel 2 +	10	relais 2 - NO
5	channel 2 Sense-	11	relais 2 - COM
6	channel 2 -	12	relais 2 - NC

1 and 4 are internally connected

