

1: label



Product characteristics

Active AS-i module IP 65

AS-i interface to FC-E lower parts

Connection via cage clamps

2 analog inputs 0...10 V

AS-i profile S-7.3

For the connection of 2-wire, 3-wire or 4-wire sensors

Electrical data

Electrical design

Operating voltage [V]

Current consumption from AS-i (without external supply) [mA]

Current consumption from AS-i (with external supply) [mA]

Current consumption from external supply 24 V DC [mA]

Internal resistance

AS-i interface reverse polarity protection

Inputs

analog

Analog input

Sensor supply

Max. total current load for all inputs (without external supply) [mA]

Max. total current load for all inputs (with external supply) [mA]

Short-circuit proof

Max. operating voltage [V]

Resolution [Bit]

Accuracy / deviations

value range

Reaction times

A/D conversion

Environment

Ambient temperature [°C]

Storage temperature [°C]

Protection

2 inputs 0...10 V

26.5...31.6 DC

36

32

4

100 kOhm

yes

0...10 V

AS-i / external

100

500

no

24 DC ± 20 %

16 (1 bit = 1 mV)

0...10000 dec.; accuracy 0.5 % of the final value of the measuring range

1 channel: 20 ms / 2 channels: 120 ms

0...70

-25...85

IP 65

**AC2617 - Active AS-i module IP 65 - eclass: 27259090 / 27-25-90-90**

Tests / approvals

EMC		EN 50295
MTTF	[Years]	140
AS-i classification		
AS-i profile		S-7.3.D
I/O configuration [hex]		7
ID code [Hex]		3.D
AS-i certificate		in preparation

Parameter bit	Designation
P0	filter: 1* 50 Hz filter in the A/D converter active / 0 60 Hz filter in the A/D converter active (* default)
P1	channel: 1 channel 2 is projected / 0 channel 2 is not projected
P2	periphery fault: 1 periphery fault active / 0 periphery fault not active
P3	not used: 1 reserved / 0 not reserved

Mechanical data

Housing materials		PBT
Weight	[kg]	0.287

Displays / operating elements

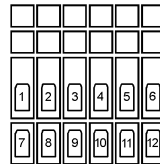
Output status indication	LED	green (status channel 1 - analog 1 / status channel 2 - analog 2)
Power	LED	green (AS-i: AS-i voltage)
Error	LED	red (FAULT: AS-i communication error / periphery fault)
Function display	LED	green (power: supply A/D converter)

Electrical connection

Connection		via contact pins to FC, FC-E or SC lower part
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**Wiring**

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



Remarks

Pack quantity	[piece]	1
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