

- 1: Addressing socket
2: Combicon connector with screw terminals, e.g. E70230 (optional)



Product characteristics

Active AS-i module

Mounting on DIN rail

Combicon connector for sensor connection

AS-i profile S-7.3

4 analog inputs 0...10 V

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

Electrical data

Electrical design

Operating voltage [V]

4 inputs 0...10 V
26.5...31.6 DC; cULus - Class 2 source required

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

53

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

28

Current consumption from external supply 24 V DC [mA]

10

AS-i interface reverse polarity protection

yes

Internal resistance

100 kOhm

Inputs

analog

Analog input

0...10 V

Sensor supply

AS-i / external (to PELV)

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

100

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

500

Short-circuit proof

no

Max. operating voltage [V]

24 DC \pm 20 %

Outputs

analog

Resolution [Bit]

16bit (1 bit = 1 μ A)

Accuracy / deviations

value range

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

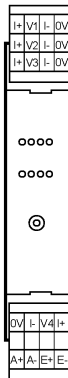
Reaction times

AC2217 - Active AS-i module - eclass: 27259090 / 27-25-90-90

A/D conversion	1 channel: 20 ms / 2 channels: 120 ms / 3 channels: 180 ms / 4 channels: 240 ms	
Environment		
Ambient temperature [°C]	0...70	
Storage temperature [°C]	-20...85	
Protection	IP 20	
Tests / approvals		
EMC	EN 50295	
MTTF [Years]	120	
AS-i classification		
AS-i profile	S-7.3.E	
I/O configuration [hex]	7	
ID code [Hex]	3.E	
AS-i certificate	in preparation	
Mechanical data		
Housing materials	PA 6.6	
Weight [kg]	0.168	
Displays / operating elements		
Power LED	green (indication AS-i voltage / indication ext. 24 V AUX)	
Error LED	red (FAULT: AS-i communication error / periphery fault)	
Function display LED	yellow (indication channels 1...4 / indication diagnosis DIAG)	
Electrical connection		
Connection	Combicon	

Wiring

I+: Sensor supply +24V
 V1...4: analog input Voltage
 I-: Sensor supply 0V
 0V: analog input 0V
 A+: AS-i +
 A-: AS-i -
 E+: External sensor supply +24V
 E-: External sensor supply 0V



Remarks

Pack quantity [piece]	1
-----------------------	---