



- 1: label  
2: fixture infrared adapter



Product characteristics

Active ClassicLine module

AS-i interface to FC/FC-E lower parts

Sockets M12 x 1

AS-i profile S-7.3

4 analog inputs 0...10 V

IR addressing possible

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

Electrical data

Electrical design	4 inputs 0...10 V
Operating voltage [V]	26.5...31.6 DC
Current consumption from AS-i (without external supply) [mA]	57
Current consumption from AS-i (with external supply) [mA]	27
Current consumption from external supply 24 V DC [mA]	15
Internal resistance	100 kOhm
AS-i interface reverse polarity protection	yes

Inputs

analog

Analog input	0...10 V
Sensor supply	AS-i / external
Max. total current load for all inputs (without external supply) [mA]	100
Max. total current load for all inputs (with external supply) [mA]	
Short-circuit proof	no
Max. operating voltage [V]	24 DC $\pm$ 20 %
Resolution [Bit]	16 (1 bit = 1 mV)

Accuracy / deviations

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

A/D conversion	1 channel: 20 ms / 2 channels: 120 ms / 3 channels: 180 ms / 4 channels: 240 ms
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Environment

Ambient temperature [°C]	0...70
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**AC2517 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90**

Storage temperature [°C]	-20...85
Protection	IP 67
Tests / approvals	
EMC	EN 50295 EN 61000-6-4 : 2001 EN 61000-6-2 : 2001
MTTF [Years]	139
AS-i classification	
Addressing	via IR addressing interface or via addressing socket in the lower part (accessory)
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	PBT
Tightening torque [Nm]	0.6...0.8
Weight [kg]	0.216
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 AI1...AI4)
Electrical connection	
<b>Wiring</b>	
1: Sensor supply +24V	
2: AI + analog input	
3: Sensor supply 0V	
4: AI - analog input 0V	
5: functional earth	
Accessories	
Accessories (optional)	Module lower part
Remarks	
Pack quantity [piece]	1

