

- 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 4...20 mA

IR addressing possible

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

Electrical data

Electrical design

4 inputs 4...20 mA

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

50 Ω

AS-i interface reverse polarity protection

yes

Inputs

analog

Analog input

4...20 mA

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]

no

Short-circuit proof

Max. operating voltage [V]

24 DC ± 20 %

Resolution [Bit]

16 (1 bit = 1 μA)

Reaction times

value range

4000...20000 dec.; accuracy 0.5 % of the final value of the measuring range

A/D conversion

1 channel: 20 ms / 2 channels: 120 ms / 3 channels: 180 ms / 4 channels: 240 ms

Environment

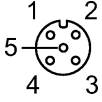
Ambient temperature [°C]

0...70

Storage temperature [°C]

-20...85

**AC2516 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90**

Protection		IP 67
Tests / approvals		
EMC		EN 50295 EN 61000-6-4 : 2001 EN 61000-6-2 : 2001
MTTF	[Years]	115
AS-i classification		
AS-i profile		S-7.3.E
I/O configuration [hex]		7
ID code [Hex]		3.E
Addressing		via IR addressing interface or via addressing socket in the lower part (accessory)
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