

- 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

IR addressing possible

4 analog outputs 0...20 mA

For the connection of 2-wire actuators

Electrical data

Electrical design

4 outputs 0...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]

24

Current consumption from external supply 24 V DC [mA]

12

Current rating per module (without external supply) [mA]

100

Current rating per module (with external supply) [mA]

500

AS-i interface reverse polarity protection

yes

Outputs

analog

current output [mA]

0...20

Max. load [Ω]

600

External voltage supply

24 DC \pm 20 %

Actuator supply

AS-i / external

Resolution [Bit]

16 (1 bit = 1 μ A)

Accuracy / deviations

value range

0...20000 dec.; accuracy 0.5 % of the final value of the measuring range

Reaction times

D/A-conversion time 4 channels [ms]

< 1

Environment

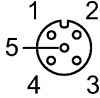
Ambient temperature [$^{\circ}$ C]

0...70

Storage temperature [$^{\circ}$ C]

-20...85

AC2518 - 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]		135
AS-i classification		
Addressing		via IR addressing interface or via addressing socket in the lower part (accessory)
AS-i profile		S-7.3.6
I/O configuration [hex]		7
ID code [Hex]		3.6
AS-i certificate		in preparation
Mechanical data		
Housing materials		PBT
Tightening torque [Nm]		0.6...0.8
Weight [kg]		0.219
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 of channels AO1...AO4)
Electrical connection		
Wiring		
1: AO+ analog output		
2: n.c.		
3: AO- analog output 0V		
4: n.c.		
5: functional earth		
Accessories		
Accessories (optional)		Module lower part
Remarks		
Pack quantity [piece]		1