



ASIM-C-M12-8P-0,5M

- LED output 50 mA from AS-Interface
- Compact Safety-Input module
- Integrated in the passive junction
- for 2 potential-free NC contacts
- Protection class IP67

Data

Ordering data

EAN (European Article Number)	4030661441061
eCl@ss number, Version 9.0	27-24-26-04
eCl@ss number, Version 11.0	27-24-26-04
ETIM number, version 6.0	EC001599

Approval - Standards

Certificates	TÜV cULus
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General data

Standards	EN 50295 EN 60204-1 EN 62061 EN ISO 13849-1
Enclosure material	Thermoplastic PBT
Gross weight	102 g
Reaction time, maximum	1 ms

Duration of risk, maximum	5 ms
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General data - Features

Safety functions	Yes
Integral System Diagnostics, status	Yes

Safety appraisal

Standards	EN 62061
Performance level, up to	e
Control category to EN13849	4
Safety Integrity Level (SIL), suitable for applications in	3
Mission Time	20 Year(s)

Mechanical data - Connection technique

Terminal Connector	Connector, M12, 8-pole, A-coded
Length of cable	0.5 m
Material of the cable	Polyurethane PUR

Mechanical data - Dimensions

Width	27.7 mm
Height	40.5 mm
Depth	22 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-20 °C

Ambient temperature, maximum	+60 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+80 °C
Relative humidity, minimum	30 %
Relative humidity, maximum	95 %
Note (Relative humidity)	non-condensing non-icing
Resistance to vibrations to EN 60068-2-6	10 ... 57 Hz, amplitude 0.75 mm
Resistance to shock	30 g / 11 ms
Protection rating	III

Ambient conditions - Insulation value

Rated insulation voltage U_i	32 VDC
Rated impulse withstand voltage U_{imp}	0.8 kV
Overvoltage category	III
Degree of pollution to VDE 0100	3

Electrical data - AS Interface

AS-i Operating voltage, minimum	26.5 VDC
AS-i Operating voltage AS-i maximum	31.6 VDC
Note (AS-i Operating voltage)	Protection against polarity reversal
AS-i Current consumption, maximum	90 mA

Electrical data - AS-Interface specification

AS-i Version	V 3.0
AS-i Profile	S-7.B.F.0
AS-i Input, Channel 1	Data bits DI 0 / DI 1 = dynamic code transmission
AS-i Input, Channel 2	Data bits DI 2 / DI 3 = dynamic code transmission

AS-i Outputs, DO 0	LED-Output
AS-i Outputs, DO 1 ... DO 3	No Function
AS-i Parameter bits, P0	Communication monitoring AS-i
AS-i Parameter bits, P1 ... P3	No function
Note (AS-i Parameter bits)	Set the parameter outputs to "1111" (0xF)
AS-i Input module address	0
Note (AS-i Input module address)	Preset to address 0, can be changed through AS-interface bus master or hand-held programming device

Status indication

Note (LED switching conditions display)	(1) green LED (AS-i LED): AS-i supply voltage / Slave address = 0 (2) red LED: AS-i communication error / Slave address = 0 (3) yellow LED: I1 = Status safety input 1 (4) yellow LED: I2 = Status safety input 2 (5) LED yellow: o1 = Status LED output
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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 11/9/2021, 11:14 AM