



ASIM-C-M12-4P-2M

- 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)	4030661441054
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	137 g
Reaction time, maximum	1 ms

Duration of risk, maximum	5 ms
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General data - Features

Safety functions	Yes
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Integral System Diagnostics, status	Yes
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Safety appraisal

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

Terminal Connector	Connector, M12, 4-pole, A-coded
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Length of cable	2 m
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Material of the cable	Polyurethane PUR
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Mechanical data - Dimensions

Width	27.7 mm
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Height	40.5 mm
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Depth	22 mm
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Ambient conditions

Degree of protection	IP67 to EN 60529
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Ambient temperature, minimum	-20 °C
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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-0.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	No Function
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: -
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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.

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