



INTERFACE CONVERTER PASSIVE SEPARATOR,
1-CHANNEL ON: 0/4 TO 20 MA OFF: 0/4 TO 20 MA CAGE
CLAMP

General technical details:

product brand name		SIRIUS
Product designation		single interface converter
Design of the base unit		passive
Number of channels		1
Ambient temperature		
• during operating	°C	-25 ... +60
• during transport	°C	-40 ... +85
• during storage	°C	-40 ... +85
Insulation voltage / for overvoltage category III according to IEC 60664 / with degree of pollution 2 / rated value	V	50
Protection class IP		IP20
Resistance against vibration / according to IEC 60068-2-6		10 ... 55 Hz: 0.35 mm
Shock resistance / according to IEC 60068-2-27		15g / 11 ms
Reference code / according to DIN EN 61346-2		K
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K

Connections:

Design of the electrical connection		spring-loaded terminals
Type of the connectable conductor cross-sections		

- solid
- finely stranded / with wire end processing
- for AWG conductors
 - stranded

1x (0.5 ... 2.5 mm²)
2x (0.5 ... 2.5 mm²)

2x (20 ... 16)

Galvanic isolation:

Design of the electrical isolation

2 paths

Galvanic isolation

- between entrance and outlet

Yes

Inputs:

Voltage drop / at operating resource

V

2.7

Outputs:

Burden / at the current output / maximum

kΩ

1

Effect of the load on the measuring range

0.06 %/100 Ω

Characteristic feature of the output / short-circuit protected

Yes

Type of signal

- secondary side
- at the input

0/4 ... 20 mA
0/4 ... 20 mA

Precision:

Relative metering precision

%

0.1

Relative linearity deviation

%

0.02

Temperature drift per °C

%/°C

0.0175

Ripple of voltage / maximum

mV

5

relative load error

%/Ω

0.06

Installation/mounting/dimensions:

Mounting type

snap-on mounting on 35 mm DIN rail according to DIN EN 50022

mounting position

any

Height

mm

80

Width

mm

12.5

Depth

mm

84

Certificates/approvals:

General Product Approval

Test Certificates

other



[Special Test Certificate](#)

[Declaration of Conformity](#)

[Environmental Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

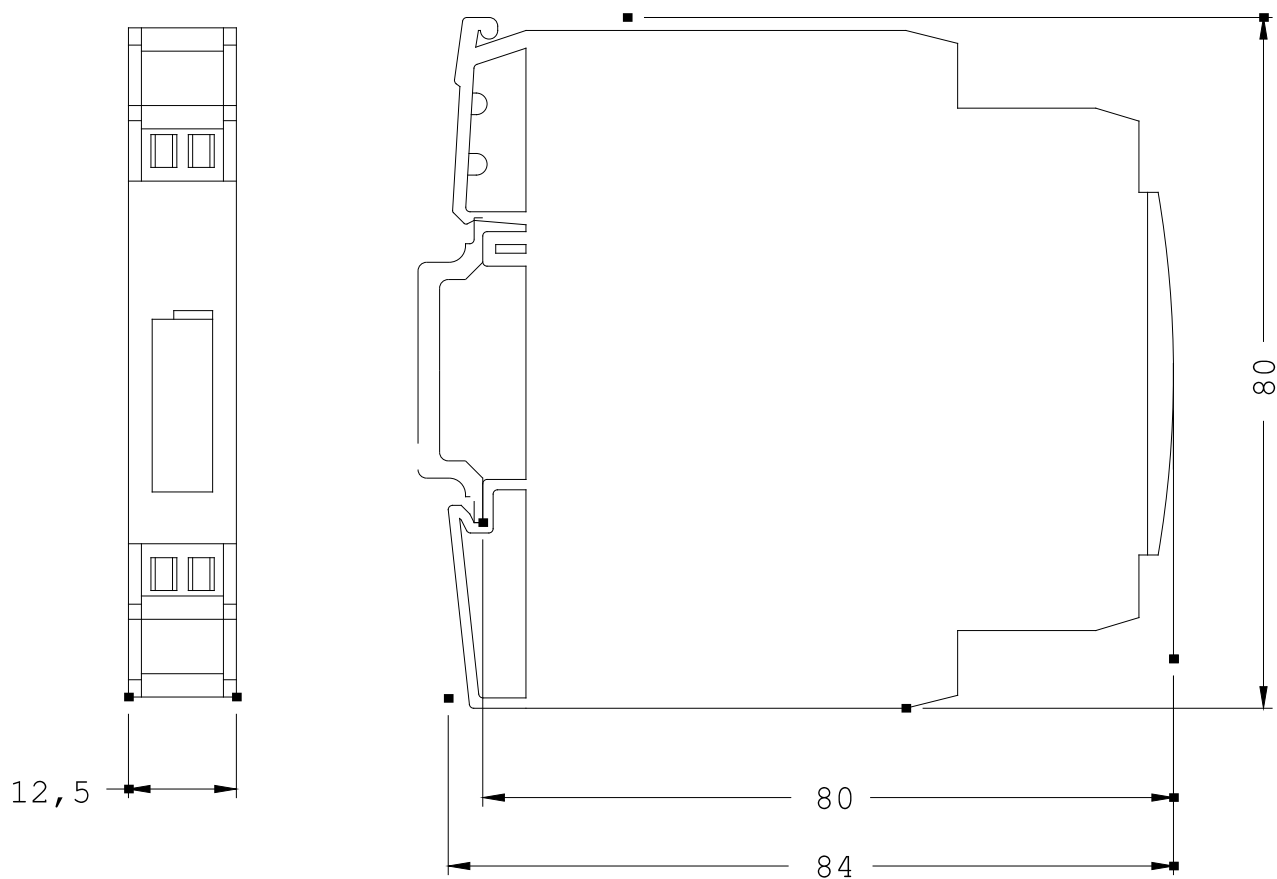
<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RS1721-2ET00/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1721-2ET00





last change:

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