



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

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
Resistance against shock / according to IEC 60068-2-27		15g / 11 ms
Item designation / according to DIN EN 61346-2		K
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K

Connections:

Design of the electrical connection		screw-type terminals
Tightening torque		

<ul style="list-style-type: none"> with screw-type terminals 	N·m	0.4 ... 0.5
Type of the connectable conductor cross-section <ul style="list-style-type: none"> solid finely stranded / with wire end processing for AWG conductors <ul style="list-style-type: none"> stranded 		1x (0.5 ... 2.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 16)

Galvanic isolation:

Design of the electrical isolation		2 paths
Galvanic isolation <ul style="list-style-type: none"> between entrance and outlet 		Yes

Inputs:

Voltage drop / at operating resource	V	2.7
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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 <ul style="list-style-type: none"> 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:

Type of mounting		snap-on mounting on 35 mm DIN rail according to DIN EN 50022
mounting position		any
Height	mm	79
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

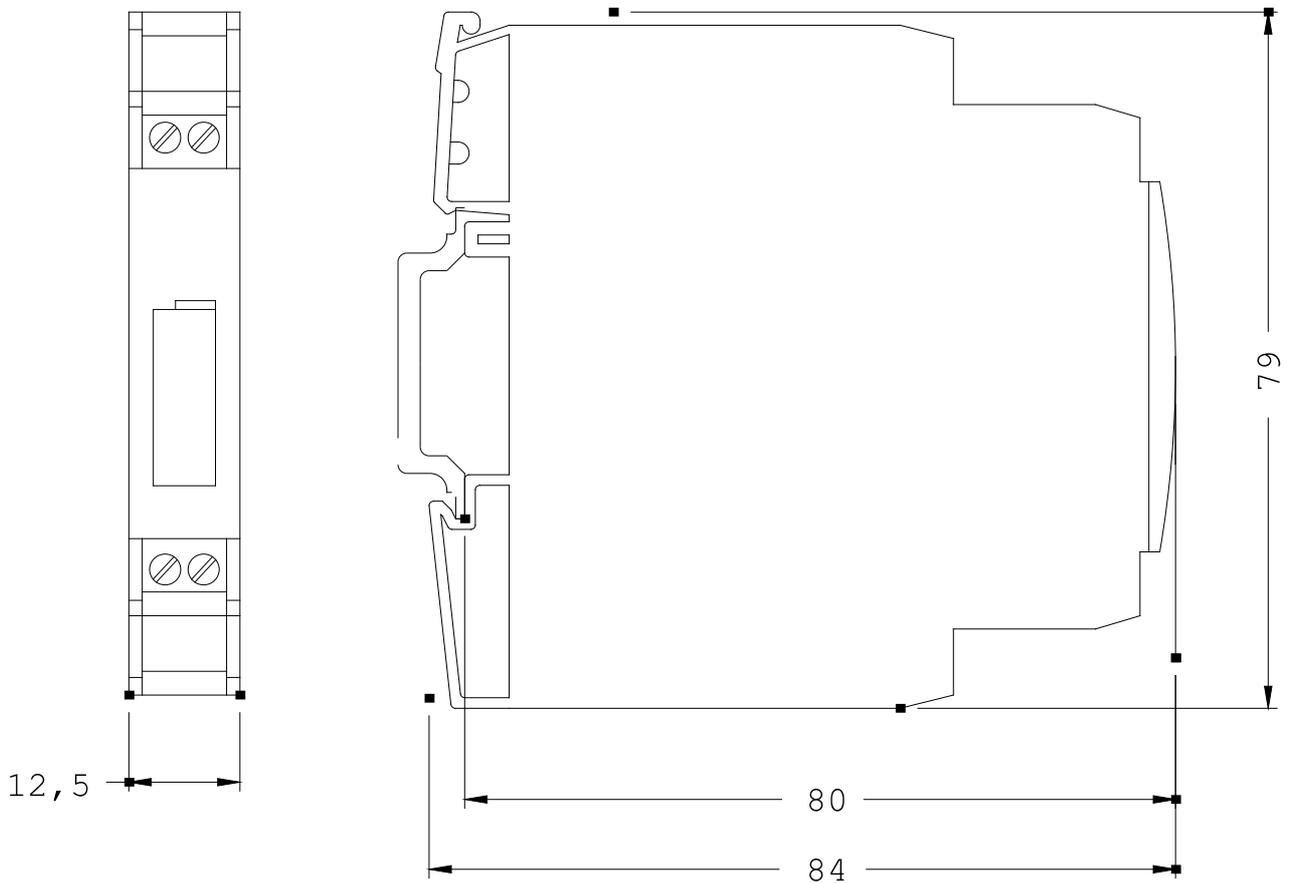
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1721-1ET00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1721-1ET00





last change:

Feb 26, 2013