

INTERFACE CONVERTER !!! PHASE-OUT PRODUCT !!! FOR FURTHER INFORMATION PLEASE CONTACT OUR SALES STAFF! PASSIVE SEPARATOR, 2-CHANNEL ON: 0/4 TO 20 MA OFF: 0/4 TO 20 MA SCREW CONNECTION



Figure similar

General technical data	
product brandname	SIRIUS
Product designation	single interface converter
Design of the base unit	passive
Number of channels	2
Ambient temperature - during operation - during transport - during storage	-25 ... +60 °C -40 ... +85 °C -40 ... +85 °C
Insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 2 rated value	50 V
Protection class IP	IP20
Vibration resistance acc. to IEC 60068-2-6	10 ... 55 Hz: 0.35 mm
Shock resistance acc. to IEC 60068-2-27	15g / 11 ms
Equipment marking acc. to DIN EN 61346-2	K
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K

Connections/Terminals	
Type of electrical connection	screw-type terminals
Tightening torque with screw-type terminals	0.4 ... 0.5 N·m
Type of connectable conductor cross-sections	
• solid	1x (0.5 ... 2.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 2.5 mm ²)
• at AWG conductors	
— stranded	2x (20 ... 16)
Galvanic isolation	
Design of the electrical isolation	2 paths
Galvanic isolation	
• between entrance and outlet	Yes
• between the outputs	Yes
• between the inputs	Yes
Inputs	
Voltage drop at operating resource	2.7 V
Type of signal at input	0/4 ... 20 mA
Outputs	
Load at the current output maximum	1 kΩ
Influence of the load on measuring accuracy	0.06 %/100 Ω
Property of the output Short-circuit proof	Yes
Type of signal at output	0/4 ... 20 mA
Precision	
Relative metering precision	0.1 %
Relative linearity deviation	0.02 %
Temperature drift per °C	0.018 %/°C
Voltage ripple maximum	5 mV
Relative load error	0.06 %/Ω
Installation/ mounting/ dimensions	
Mounting type	snap-on mounting on 35 mm DIN rail according to DIN EN 50022
Mounting position	any
Height	79 mm
Width	12.5 mm
Depth	84 mm
Certificates/approvals	

General Product Approval	Declaration of Conformity	Test Certificates	other	
 UL		 EG-Konf.	spezielle Prüfbescheinigungen n	Umweltbestätigung Bestätigungen

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RS1722-1ET00>

Cax online generator

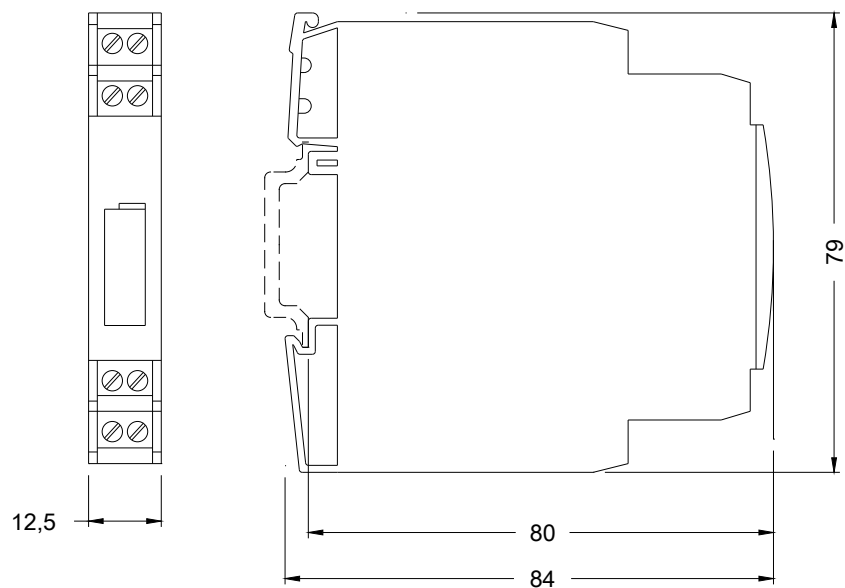
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1722-1ET00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1722-1ET00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1722-1ET00&lang=en



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