

CONVERTERS & INTERFACES

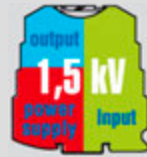
TECHNICAL INFORMATION



K-LINE CHARACTERISTICS



ACCURACY



ISOLATION



RELIABILITY



TEMPERATURE



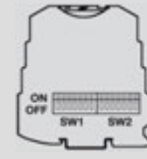
POWER USE



DIMENSIONS



POWER



SETTINGS

K LINE SIGNAL ISOLATORS / CONVERTERS



K109PT



K109UI

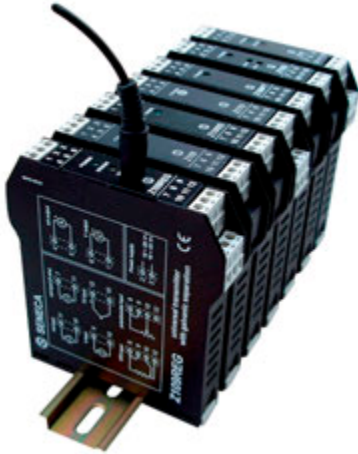


K-BUS

K109PT	Pt100 to DC Current Isolator/Converter
K120RTD	Pt100/Ni100 to DC Current Converter (loop powered)
K109TC	Thermocouple to DC Current Isolator/Converter (with trip alarm control)
K109UI	DC Current / Voltage Isolator/Converter
K109S	DC Current / Voltage Isolator/Converter (with power transducers)
K109LV	DC Low Voltage (Shunt) to DC Current/Voltage Isolator/Converter
K107USB	Serial Isolator/Converter - USB/RS485 Converter
K121	Universal Isolator/Converter - RTD,TC,Ohm,mA,V to 4/20mA (loop powered)
S107USB	Portable USB/RS485 Converter
K-BUS	Backplane Connector
K-SUPPLY	Power Supply and Electronic protection system
Easy-USB	Configuration communication converter for USB to K devices

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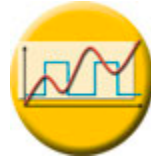
Z-LINE CHARACTERISTICS



CONNECTIONS



ISOLATION



WIDE RANGE



TRANSDUCERS

Z Line series offers a full range of signal conditioners including Signal Converters, Transmitters, Galvanic Isolators, Splitters, Trip Amplifiers and Math's Modules. They are easy to use, simple to install and have a universal (AC/DC) voltage supply. Other features are Din rail mounting, 3 way galvanic isolation, compact housing (17.5 mm wide), plug in terminals, easy dipswitch and/or PC setup.

Z LINE SIGNAL ISOLATORS / CONVERTERS



Z109REG2

- Z109REG2** Universal Isolator / Converter with special functions
- Z109UI2** Isolator / Converter - voltage/current to current/voltage
- Z110S** Loop Powered Current Isolator for 4..20 mA loop - 1 Channel
- Z110D** Loop Powered Current Isolator for 4..20 mA loop - 2 Channel
- Z102** Potentiometer Isolator / Converter
- Z201** Current Isolator / Converter - 5/10 Amps AC to voltage/current
- Z201-1A** Current Isolator / Converter - 1 Amp AC to voltage/current



Z170

- Z109PT** RTD Isolator / Converter
- Z109TC** Thermocouple Isolator / Converter
- Z104** Isolator / Converter - voltage/current to frequency
- Z111** Isolator / Converter - frequency to voltage/current
- Z170REG** Signal Duplicator
- Z113S** Alarm Threshold Relay - 1 Relay
- Z113D** Alarm Threshold Relay - 2 Relays
- Z113T** Alarm Threshold Relay - 3 Relays

CURRENT TRANSDUCER



T201

- T201** Loop Powered AC Current Transducer 5-40 Amps - 4/20 mA (with DIN Rail Clip)
- T201DC** Loop Powered DC Current Transducer 5-40 Amps - 4/20 mA (with DIN Rail Clip)
- T201DCH** AC/DC Current Transducer 50 Amps - 0-10V (with DIN Rail Clip)
- T201DC100** Loop Powered DC Current Transducer 100 Amps - 4/20 mA (with DIN Rail Clip)

TEMPERATURE TRANSMITTER/TRANSDUCER



- T120** 2 Wire Pt100/Ni100 Temperature Transmitter - Loop Powered
- T121** 2 Wire Universal Isolated Temperature Transducer - Loop Powered