P232 RS-232

High Energy Serial Protection

APPROVALS

CE

Specifications

Clamping Voltage (Stage One): 72 V DC minimum, 108 V DC maximum

Series Resistance (Stage Two):

2.7 ohm

Clamping Voltage (Stage Three):

14.3 V minimum, 15.7 V maximum

Temperature:

Operating Range: 0°F to 122°F (-18°C to 50°C)

Clamping Time:

Less than 5 x 10-9 seconds

Connectors:

Five-position terminal blocks

Dimensions:

Approximately 4.5 L x 3.3 W x 1.8 in H

Approximately 0.42 lb

Approvals:

CE Marked

Warranty:

One-year limited warranty

Specifications Variable Range: 0-3 mV/V Impedance: 700 ohm nominal Temperature:

Connectors:

14 gauge wire

±100 ppm/°C

Dimensions:

Warranty:

Temperature Coefficient:

One-year limited warranty

(W x L x H) 4.5 in x 3.5 in x 1.25 in

Operating Range: 0°F to 122°F (-18°C to 50°C)

Binding posts suitable for banana plug or



Standard Features

- Two metal mounting brackets
- Three stages of protection: Gas discharge tube, series resistor and transient voltage suppressor (TVS)
- · Two terminal posts for ground
- · RS-232 high energy surge protector
- · Terminal blocks for transmit, receive, request to send, clear to send and signal ground
- · Safe for use with computers and PLCs

Applications

- · Indicators
- · Remote displaus
- Printers
- · Computers
- PLC

Part Number/Price

Part#	Description	Price
69201	TP232	Consult

Options/Accessories

Part#	Description	Price
17778	12 in ground strap	Consult
17781	24 in ground strap	Consult
69516	Additional installation manual	Consult



Variable Range Simulator

Standard Features

- ABS plastic case, weighs less than 1 lb
- Large vernier knob, smooth 10-turn potentiometer
- Ideal tool for troubleshooting a scale system, bench testing stability of indicators and setpoint simulation
- · Binding posts are color coded to ISA S37.8 standard

Part Number/Price

Part#	Description	Price
68029	Ranger 1 variable range simulator	Consult

Options/Accessories

Part#	Description	Price
21116	Cable (4 ft) with banana plugs	Consult