



## STANDARD FEATURES

- Low cost, non-serviceable
- Self-contained; NEMA 1, 2, 3, 11 enclosure
- Effective series protection for strain gauge transducers
- Encapsulated circuitry ensures positive protection against fungus or corrosion on boards
- Two nylon strain reliefs for 0.187 in-0.312 in (4.7 mm-7.9 mm) diameter cable

## SPECIFICATIONS

### PROTECTION TYPE:

Four-channel series type with separate shield

### MAXIMUM EXCITATION VOLTAGE:

18 VDC or 18 VAC

### CLAMPING VOLTAGE:

75 VDC or 75 VAC

### CLAMPING TIME:

<100 nanoseconds typical

### PEAK SURGE CURRENTS:

5,000 Amps any line to ground and  
5,000 Amps excitation to excitation

### MAXIMUM SERIAL TRANSMISSION RATE:

30 Kbaud

### GROUNDING:

Through a .25 in (6.35 mm) lug to a 20 ft (6.1 m) insulated #10 AWG ground wire provided

### CABLE FITTING:

(2) Standard nylon strain relief for 0.187 in-0.312 in (4.7 mm-7.9 mm) diameter cable

### ENCLOSURE:

Chemically-resistant PVC. This device, for outdoor or indoor service, is not intended for washdown service (NEMA 4) or for submersion (NEMA 6).  
Optional NEMA 4X available

### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C) consistent with NTEP guidelines

### LEAKAGE:

7,500 MΩ minimum

### DIMENSIONS:

4.0 in W x 4.0 in H x 2.50 in D  
(103.2 mm W x 103.2 mm H x 63.5 mm D)

