

## **SPECIFICATION**

**TYPE:** SIRIUS INTEGRATOR Model INT

### **Input Scaling**

Current Range	FS minimum 0 – 4 mA FS maximum 0 – 20 mA
Voltage Range	FS minimum 0 – 100mV FS maximum 0 – 10 Vdc
Impedance	Resistor 10 $\Omega$

### **Output Count**

Accuracy	$\pm 0.2\%$
Error at Cal. Point	$\pm 0.05\%$
Repeatability	$\pm 0.05\%$
Linearity error From 10 to 100 %	$\pm 0.04\%$
Thermal sensitivity	$\pm 0.016\% / ^\circ\text{C}$
Supply Voltage change	$\pm 0.001\% / \text{V}$ at rated voltage

### **Isolation**

FS Count Rate (Maximum)	0-7000 Cts / Hour
External output	24V pulse, 100 $\Omega$ minimum load

Output to Supply	500 Vac maximum
Output to Case	500 Vac maximum
Case to Supply	500 Vac maximum
Dimension	92 mm X 92 mm cutout Depth 210 mm
Mounting Protection Class	Front Panel Mounting IP 40

Temperature	0 – 60 $^\circ\text{C}$
Power Supply	105-125 Vac, 50 - 60 Hz or 210-250 Vac, 50 - 60 Hz

Note 1 All specification errors are expressed in percent of full-scale value.

Note 2 DC or AC peak

Note 3 At Reference conditions:

- a) Input at full-scale as specified.
- b) Ambient temperature  $25 \pm 1 ^\circ\text{C}$
- c) Supply within  $\pm 5 \%$
- d) Voltage Output load  $1000\Omega$  or more
- e) Current Output burden  $500\Omega$  or less