

# Compact Recorders

## mV, mA or Thermocouple

RD288 Series  
Starts at  
**\$868**



- ✓ DC Input, and Thermocouple Input
- ✓ 58 mm (2<sup>5</sup>/<sub>16</sub>" ) Recording Width
- ✓ 2.54 cm/hr (1"/hr) Standard Chart Speed

OMEGA® offers 2 compact units for recording events, DC signals, and temperature (from thermocouples). The RD288 galvanometric recorder permits full scale measurement of signals by striking a stylus against pressure-sensitive paper. The economical RD255 thermocouple recorder measures temperatures from remote thermocouple probes.

### Specifications

**Ambient Temperature:**  
0 to 50°C (32 to 122°F)

**Primary Power:** 100 to 130 Vac,  
50/60 Hz

**Dimensions:**  
93 H x 143 W x 110 mm D  
(3<sup>7</sup>/<sub>8</sub> x 5<sup>7</sup>/<sub>16</sub> x 4<sup>3</sup>/<sub>16</sub>" )

**Weight:** 1.7 kg (3.75 lb)

**RD288 DC Input Recorder Inputs  
(Resistance in Ω):** 0 to 1 mA (100),  
4 to 20 mA (6.25), 0 to 100 mV (100)

**Striking Rate:** Once every 2 s

**Accuracy:** ±2% max continuous  
input: 150%

**Connections:** Input, 6-pin connector;  
detachable line cord

### RD255 Thermocouple Recorder

**Input Types:** E, J, K, R, S, T  
thermocouples

**Ranges:** 0 to 250°F, 0 to 500°F,  
0 to 1000°F, 0 to 100°C, 0 to -300°C

**Accuracy:** ±2% span

**T/C Break Protection:** Up-scale

**Maximum Loop Resistance:** 1 kΩ

**Connections:** Inputs, SMP connector;  
power, line cord

RD255K-1000F,  
\$980, shown  
smaller than  
actual size.



KMTSS-125G-6, \$24 with  
thermocouple (sold separately),  
shown smaller than actual size.



**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)		
Model No.	Price	Description
RD288-1MA	\$868	Recorder, 1-input, 1 mA
RD288-100MV	868	Recorder, 1-input, 100 mV
RD288-4-20MA	892	Recorder, 1-input, 4 to 20 mA
RD255J-500F	980	Recorder, 1-input, J T/C
RD255K-1000F	980	Recorder, 1-input, K T/C
RD255E-1000F	980	Recorder, 1-input, E T/C
SL-650	12	Paper, 1-roll, 19 m (63'), event
SL-651	12	Paper, 1-roll, 19 m (63'), 50 divisions
SL-652	12	Paper, 1-roll, 19 m (63'), 40 divisions
SL-653	12	Paper, 1-roll, 19 m (63'), 60 divisions

### Accessory

Model No.	Price	Description
MS-0178	\$275	Reference Book: Handbook of Industrial Engineering

Comes complete with roll of paper and operator's manual.

**Ordering Examples:** RD288-1MA, 1-input 1 mA recorder, \$868.  
RD255J-500F, 1-input, Type J recorder, \$980.

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### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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