

EPSYLON

Incremental Data Loggers for Meteorological Measurement



Two types available—EDL.10, and EDL.12 illustrated here. (EDL.10 is of similar appearance)

FEATURES

BATTERY OPERATED WITH LOW POWER CONSUMPTION
CASSETTE LOADED
PORTABLE (SIZE 12" x 9" x 9" WEIGHT 14 LBS APPROX)

The Event Recorder Type EDL.10 is designed for recording the occurrence of events, on one of its tracks, against an extremely accurate time marker on the second track.

The Incremental Data-Logger Type EDL.12 is designed to sample sequentially up to 12 channels of analogue information, digitising these analogue values and recording them in 8 bit parallel words on $\frac{1}{2}$ inch wide magnetic tape.

These equipments are the basis for the following complete systems of HYDROMETRIC MEASUREMENT:

RAINFALL INTENSITY MEASUREMENT

by using EDL.10 combined with a tipping bucket type of rainfall gauge.

CLIMATOLOGICAL SYSTEMS

incorporating sensors for measurement of parameters such as run of wind, solar radiation, etc. The data is recorded on EDL.12 for subsequent calculation of evaporation.

WATER QUALITY MONITORING STATIONS

Translation systems for all the above are available.

For further information write to



EPSYLON

INDUSTRIES LIMITED

Faggs Road, Feltham, Middlesex, England
Telephone: 01-890 5091 Telex: 25318

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Wire
Marking
with a
KINGSLEY
Wire & Tube
Marking Machine
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Now you can *permanently* mark wire or tubing directly on the insulation... quickly... economically... right in your own plant!

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for
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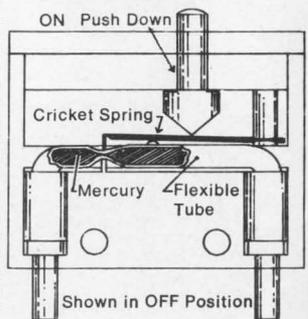
A-207

Circle 227 on reader service card

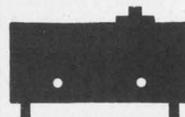
Here's A Switch

Fast Response... No Bounce

The MERCUTRON SWITCH effectively combines the mechanical advantages of a snap-action switch with the electrical properties of a mercury switch. It is a miniature switch of unique and simple design relying on mercury movement in a flexible sealed tube for fast response with no bounce, perfect for direct switching of solid state circuits. Actuating a plunger simultaneously releases a pinch in the tube and "pumps" the divided mercury together to close the normally open circuit. A simple cricket spring in direct contact with the tube provides the snap-action.



Switching Capacity	60 ma @ 24 VDC
Contact Rise Time	< 1 x 10 ⁻⁹ seconds
AC Contact Noise	10 Microvolts
Bounce Time	Zero
Maximum Cycling Rate	200 Hz
Life at Rated Load	250,000 cycles
Operating Temperature Limits	-30°C to 60°C
Shock Resistance	30 G's min.



Actual size



For further information write or call
MECHANICAL ENTERPRISES

3127 Colvin Street, Alexandria, Virginia 22314, (703) 549-3434