

730 SERIES MINI-CLUSTER

1960 · 2000

CURTIS



DESCRIPTION

Curtis Mini-Clusters incorporate an hour meter with advisory LEDs.

Model 730 - LEDs indicate the status of up to four equipment functions: voltage, temperature, pressure, fuel level and PTO.

Model 731 - LED Hour Meter indicates the status of up to four equipment functions.

WARRANTY

One year from date of delivery.

Application

Curtis Mini-Clusters add value to a wide range of equipment and vehicles in the following industries: construction, material handling, sweeper/scrubber, generators/compressors, agriculture and medical.

Features

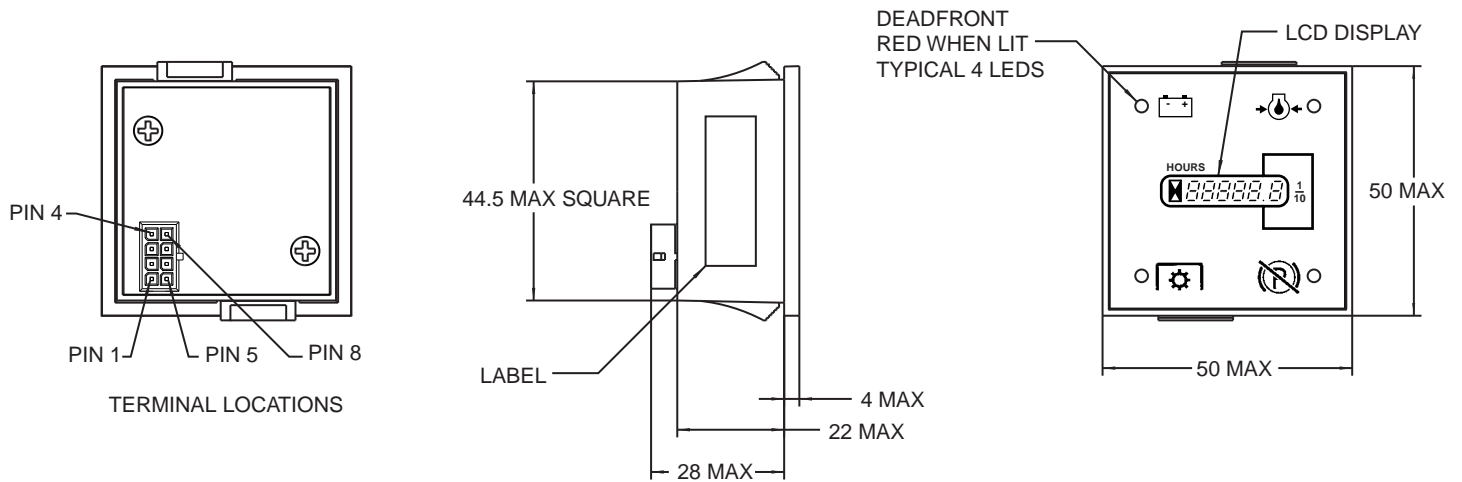
- Curtis Mini-Clusters pack multiple functions into a single 50 x 50 mm instrument which allows OEMs to fully instrument their equipment/vehicles and provide more value to their customers.
- The heart of the Mini-Cluster is the same solid state Curtis Hour Meter that vehicle and equipment manufacturers have made the industry standard.
- LEDs can indicate critical equipment status in a simple and cost effective manner.
- Battery/System voltage LED is triggered by an internal sensing circuit. Illumination of the other LEDs are based on switched inputs.
- Snap-Fit mounting and molded-in connector lower installation and assembly costs.
- Shallow behind-panel depth allows for more compact vehicle/equipment panel designs.
- Long-life LED indicators eliminate the need for incandescent bulbs which require replacement.
- Mini-Clusters fit into standard 45 x 45 mm DIN cutouts.
- 6-digit Liquid Crystal Display with 5mm high digits and red LEDs provide an attractive and easy to read display.

Specifications

Hour Meter Display:	6-digit LCD, 5mm high
Hour Meter Range & Resolution:	99,999.9 Hours
Hour Meter Accuracy:	± 0.1%
Operating Voltage Range:	9 to 60 VDC (in different models)
Operating Temperature Range:	-30°C to +80°C
Storage Temperature Range:	-40°C to +85°C
Environmental Protection:	IP65 (front), IP 40 (back)
Humidity:	95% RH (non-condensing) at +38°C
Vibration:	SAE J 1378 20g
Mechanical Shock:	SAE J 1378 55g
Termination:	Molex Micro-Fit 3.0, 8-pin connector

Dimensions: mm

MODEL 731 SHOWN



Pin Assignment

PIN	FUNCTION
1	Brake -
2	Brake +
3	PTO -
4	PTO +
5	Common
6	Oil (Model 731), N/C (Model 730)
7	A/C (Model 731), N/C (Model 730)
8	+ 12 VDC