

SYSTEM 360 LEVEL GUARD™

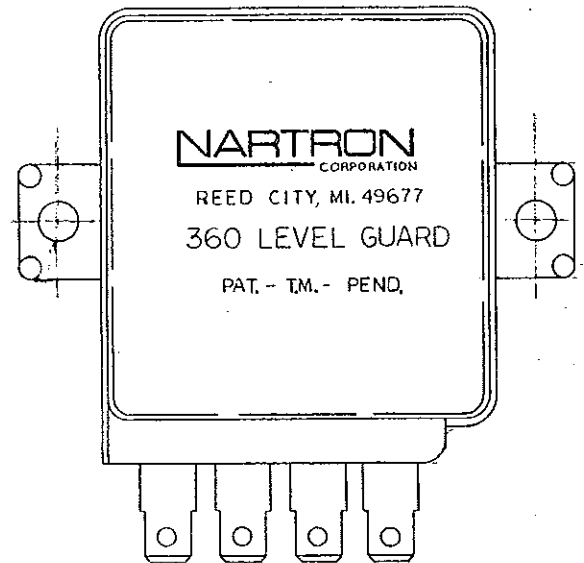
NARTRON

REED CITY, MICHIGAN 49677 231-832-5525

Dangerous and damaging overheating can be prevented by the use of LEVEL GUARD. The system detects low coolant levels in the radiator (or other vessels) by means of:

- (A) A PROBE IN A GROUNDED RADIATOR
- (B) A LOGIC MODULE
- (C) A WARNING LIGHT

When the coolant level drops below the probe, a light will appear to indicate LOW WATER. The Level Guard electronically delays turning on the light for a specified number of seconds to provide an anti-slosh feature. An optional configuration allows the unit to drive a buzzer (Nartron 443) BARK® Alarm or a buzzer-light combination (Nartron 440) BUZZ-LITE® as well.



The stainless steel probe is molded in a rugged plastic body able to withstand 40°F to 275°F in ethylene glycol and water solutions from 0 to 100% glycol. The probe has a 1/8-27 stud for electrical connection to the wiring harness. Probe resistance exceeds 50,000 OHMS with no coolant present. Probe short circuiting does not harm the system.

The LEVEL GUARD System 360 is approved by the major vehicle builder for use as original equipment.

FEATURES:

- * Solid State Circuitry
- * Stainless Steel Probe
- * 12 Volt
- * Negative Ground
- * Indicator Light/Low Water Lens
- * Locking Blade Terminals and Polarized Connector (Packard 8905228)
- * High Reliability
- * Optional BUZZ-LITE (Nartron 440)
- * Optional BARK Alarm (Nartron 443)



* LEVEL GUARD is a trademark of Nartron Corporation

PACKARD CONNECTOR NO. 8905228

REV	DATE	BY	DESCRIPTION
1	8/5/80	DJK	REDRAWN

RADIATOR COOLANT LEVEL SENSOR
AND ALARM
SOLID STATE: TO BE USED WITH
WARNING LAMP AND/OR BUZZER
ALARM.

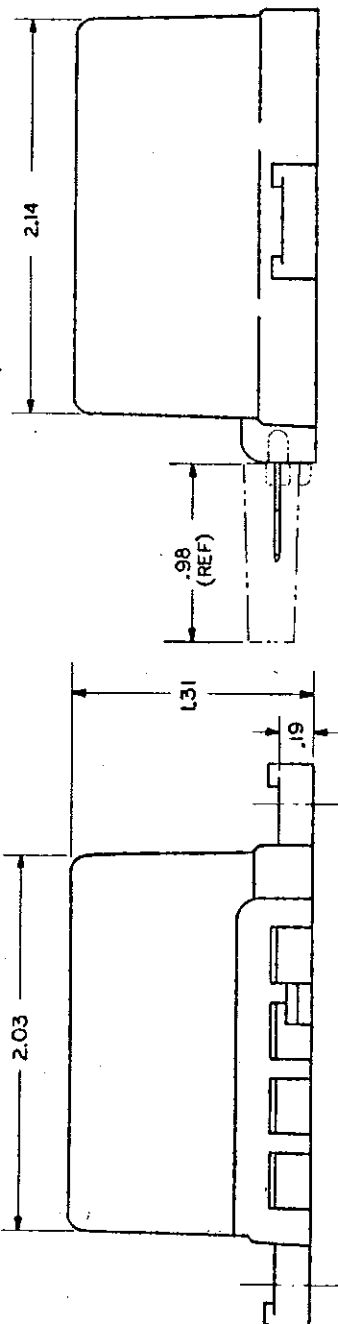
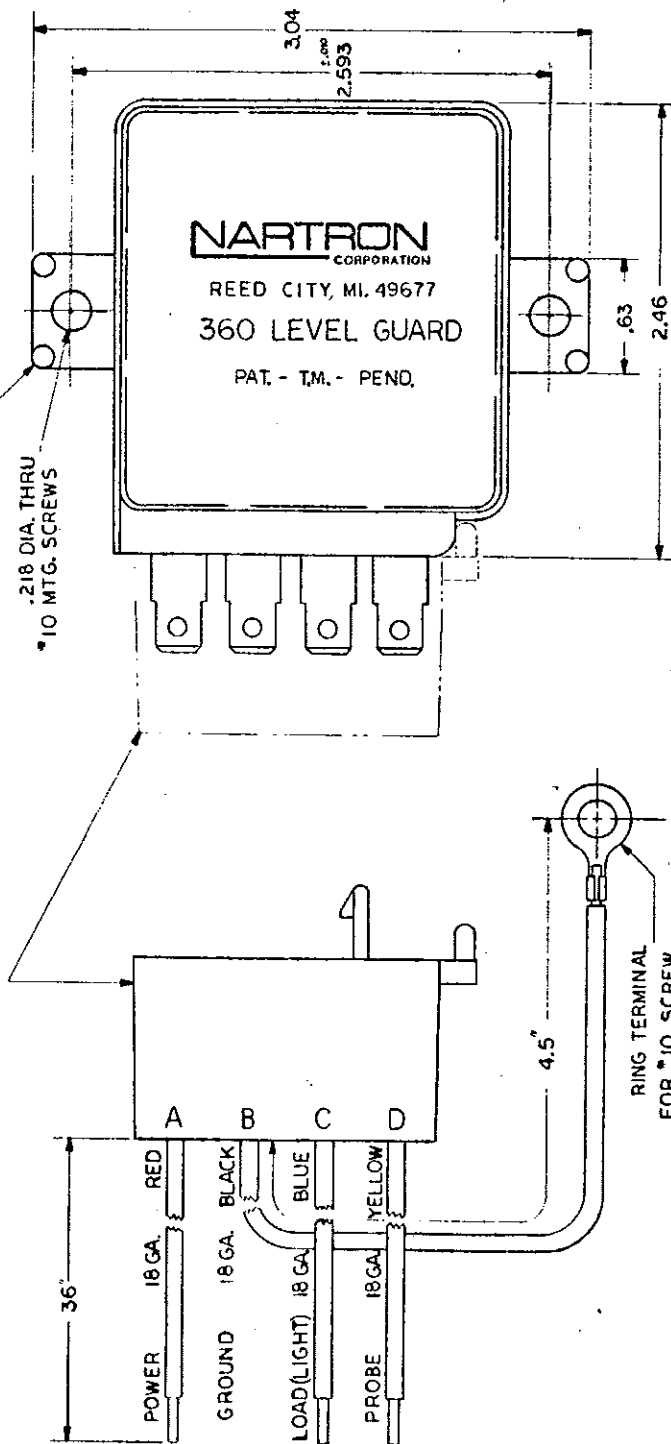
1590 PROBE ASS'Y
(SCALE 1:1)

1/2-27 NPTF

1/2-27 NPTF

500

1461 BRASS BUSHING
(SCALE 1:1)



NOTES:

- HOUSING MATERIAL: 30% GLASS FILLED POLYPROPYLENE
TENSILE STRENGTH 6-10,000 PSI.

THIS DOCUMENT IS THE PROPERTY OF NAR AND IS LOANED TO YOUR AGENCY FOR USE ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.	DATE DJK 8-15-80 CLASSIFIED REF APPROVED C-3-20 DATE 8/16/80 DATE 8-3-80 MATERIAL	REQUIREMENTS 1 2 1 1	DATE 1 2 1 1	ITEM	ISSUANCE NO.	INSTRUCTIONS
LEVEL GUARD SYSTEM						
NARTRON CORPORATION						
REC'D CIV. AIR. DIV.						
360						