

File E183243
Project 96NK15099

December 3, 1996

REPORT

on

MOTOR CONTROLLERS FLOAT AND PRESSURE OPERATED

Turck Inc.
Minneapolis, MN

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DESCRIPTION

PRODUCT COVERED:

USL Flow sensor, Models MK96-11-R/024VDC, MK91-R11/24VDC, and 3030-05392, REV-A-CBC.

GENERAL:

These modules are flow sensors intended to be used in industrial control equipment and similar equipment where the suitability of the combination has been determined by Underwriters Laboratories Inc.

These modules will be wired to a sensor which detects the flow of liquid or air in a pipe and sends a corresponding signal back to the module. The sensor is wired to terminals one through four on the module. The power going to the sensor, which is derived from the module, has been determined to be Limited Voltage/Current per UL 508.

Models MK96-11-R/024VDC and 3030-05392, REV-A-CBC are identical.

RATINGS:

Input - 24 V dc
Output - Model MK96 - 120 V ac, **0.5 A** resistive; 25 V dc, **1.0 A** resistive.
Model MK91 - 3 A, 250 V ac resistive
3 A, 24 V dc
Pilot Duty B300

Terminal Torque: 7 lb in nominal, No. 14 AWG through 24 AWG, copper wire only.

Markings - The module shall be marked with the manufacturer's name or file number "E183243", the electrical ratings, and model number. The following markings shall be marked either on the module or in the installation instructions provided with the module: Nominal terminal torque rating = 7 lb in; a marking that indicates the proper connections for all terminals; and mounting instructions.