(N) NOTIFIER®

PRN-5
Printer

Section: Peripheral Devices

GENERAL

The PRN-5 printer is used with the NOTIFIER AM2020, AFP1010, AFC-600, AFP-400, AFP-300, AFP-200, AFP-100, NFS-640, and NFS-3030 fire alarm control panels to provide a written record of system events and status changes. The PRN-5 may also be used with the System 5000 or System 500 when used with the LCD-80 Liquid Crystal Display. When used with **NOTI·FIRE·NET**™, the PRN-5 may be used with the INA, NCA, NRT, or NCS.

FEATURES

- Provides a hard-copy printout of all system events and status changes.
- Time-stamps the printed record of each event and status change with the current time-of-day and date.
- Uses standard 9" by 11" tractor-feed fan-fold paper.
- Provides 80 columns of data at 10 characters per inch.
- Provides printed record of system configuration and addressable device parameters.
- Nine-pin print head.
- Very quiet (approximately 55 dBA).

APPLICATIONS

Use with NOTIFIER NFS-3030, NFS-640, AM2020, AFP1010, AFC-600, AFP-400, AFP-300, AFP-200, AFP-100, System 5000, System 500, NRT, NCS, NCA, or INA. Printed transaction records reduce the man-hours required to install and maintain a system. A printed record of all system events (alarms, troubles, etc.) and status changes can be especially valuable in the event of a disputed incident.

CONSTRUCTION AND OPERATION

The printer is housed in its own separate enclosure and is suitable for placement on a desk top, counter, or table.
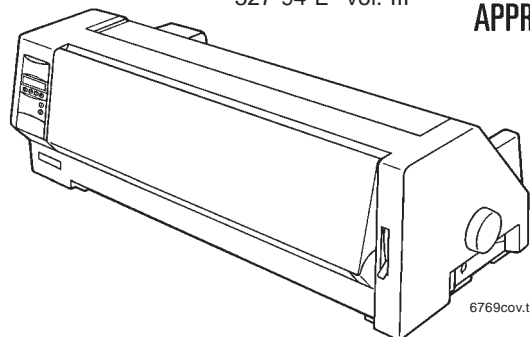
INSTALLATION

The PRN-5 should be placed in a secure area to prevent theft of the printer and/or printed records.

The PRN-5 must not be located further than 50 ft./15.24 m (actual cable length) from the control panel. The PRN-5 connects directly to the AFP-200 main PC board or AFP-300/AFP-400/AFC-600/NFS-640/NFS-3030 CPU board or to the Serial Interface Board (SIB-2048, SIB-2048A, SIB-NET, or SIB-232) or the Display Interface Board (DIA-1010 or DIA-2020) in the AM2020 or AFP1010 control panel. When used with the AFP-100, the PRN-5 connects to the PIM-24 option module. When used with the INA, the PRN-5 can be connected directly within 50 feet (15.24 m). When used with the System 5000 or System 500, the PRN-5 receives its information via the LCD-80 Liquid Crystal Display. Messages programmed into the LCD-80 nonvolatile memory will automatically be transmitted to the PRN-5 with a display of time and date. The LCD-80 may be mounted in the System 5000 cabinet, or may be mounted remotely up to 6,000 feet (1828.8 m) from the cabinet. When mounted remotely, the PRN-5 must be mounted within 50 ft.

(15.24 m) of the LCD-80. On the NCS/NRT, the PRN-5 connects to the port.

Consult the control panel installation manual for the proper method and pin numbers used to complete the electrical connection to the control panel.

NOTE: If printer operation is required during failure of primary power, use of a separate UL-Listed Uninterruptable Power Supply (UPS) system is recommended.

PRINTER SPECIFICATIONS

Printing method: Serial printing with 9-pin matrix print head.

Printing speed, high draft: 360 cps at 10 cpi.

Character density: 10 cpi standard (12, 15, 17.1, and 20 cpi available via front panel).

Graphic resolution (V x H): 144 x 240 dpi.

Ribbon life (approximate): 4 million characters (DPQ).

Acoustic noise level: 55 dBA (approximate).

Dimensions: 19" (48.26 cm) wide x 7.9" (20.07 cm) high x 9.7" (24.64 cm) deep.

Weight: 17.6 pounds (7.9 kg).

Power supply: 120/240 VAC.

Power consumption: 50 watts (operating).

Operating environment temperature: 50°F to 104°F (10°C to 40°C).

Operating environment humidity: 20% to 80% (non-condensing).

PRODUCT LINE INFORMATION

PRN-5   9-pin, dot-matrix printer, 120 VAC power.

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