

PRN800 FIRECLASS Printer

Part No. 557.202.024

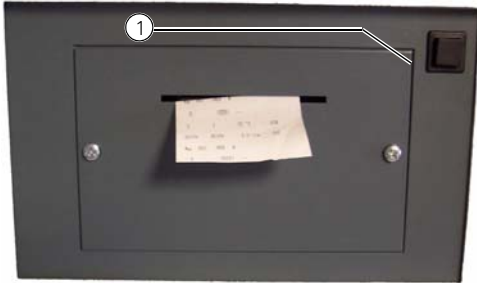


Fig. 1: PRN800 FIRECLASS printer kit
1 – Paper feed button

The PRN800 is fitted to the front cover of the FIRECLASS ANC1-D, ANC2-D or ANC3-D enclosures.

The PRN800 is powered from the main control panel PMM800 power supply monitor board, via one of the 1 A fused auxiliary 24 DC supply outputs.

The use of a thermal printer mechanism ensures high reliability, only the paper roll requires replacement periodically.

Installation instructions

The installation instructions are as follows:

- 1 Open the ANC Ancillary enclosure door and remove the mounting frame from the mounting aperture in the door.
- 2 Fit the printer assembly. Refit the mounting frame.
Take care not to damage the printer's PCB when installing the mounting frame.

NOTICE



All necessary precautions must be taken to protect wiring and PCBs.

- 3 Locate a spare cable entry gland into the control panel housing. If none is available, then remove a knockout and fit a gland.
While removing knockouts, remove any fouling PCBs (or wiring) to prevent swarf or metal filings damaging them.
- 4 Feed the printer data lead through the gland and connect it to COM1 of the panel's FIM board.
- 5 Locate a spare auxiliary 24VDC fused output on the control panel PMM800 and remove the fuse. Feed the red and black wires of the printer power cable into the housing, and connect them to the output +24 V and 0 V respectively.
- 6 Connect the power lead to 24 V input (TB1) of the printer assembly.
Power and data cables may be run together if required through an appropriate conduit. However these should be separated from other field wiring of the FIRECLASS panel.
- 7 Fit the paper roll to printer mechanism, as described in Paper Roll Replacement.
- 8 Re-fit the fuse removed in Step 5. First check the fuse rating and replace it with a 1 A fuse if necessary.
- 9 In FIRECLASS Express, configure the host control panel for the printer. To do this:
 - In the Dialog Navigation Tree on the left of the FIRECLASS Express window, click the panel entry (which might be "Panel 1 - FIRECLASS" for example). This opens the "Panel Details" dialog. In the dialog make these settings:
 - "Has Printer" setting: Checked.
 - "40 column" setting: Selected.
- 10 Save the revised configuration and download it to the panel.
- 11 The PRN800 is now installed.

Paper roll replacement



Fig. 2: Paper change

1 – Paper drive spindle

2 – Paper roll retaining bar

- 1 Undo the two Supadrive™ screws and remove the printer mechanism front cover.
- 2 Pull out the paper drive spindle.
- 3 Pull out the paper roll retaining bar and slide off the old paper roll.
- 4 Put the new paper roll onto the paper roll retaining bar with the paper feeding from the rear.
- 5 Press the paper roll retaining bar back into its grooves.
- 6 Feed the paper over the paper drive spindle and press the spindle back into its retaining grooves.
- 7 Feed the paper through the printer mechanism front cover slot and refit the retaining screws.

Ordering information

- Spare paper roll (pk of 5): 557.301.014