

## Tray 3 – Paper Handling Module

### Tray 3 Paper Level Sensors

The Tray 3 Paper Level Sensors are located inside the Front Cover of Tray 3. The actuator is mechanically linked to the Tray 3 elevator. As the elevator moves up and down, the machine logic monitors the output of the sensors and displays the amount of paper in the tray.

The **Tray 3 Paper Level Sensors** detect four levels of paper;  $\frac{1}{4}$  capacity,  $\frac{1}{2}$  capacity,  $\frac{3}{4}$  capacity and full capacity.

- The table defines the sensor readings for the different paper supply levels:

Paper Remaining in Tray 3	Sensor Outputs		
	# 1	# 2	# 3
$\frac{1}{4}$ capacity	1	0	0
$\frac{1}{4}$ capacity	1	1	0
$\frac{1}{2}$ capacity	0	1	0
$\frac{1}{2}$ capacity	0	1	1
$\frac{3}{4}$ capacity	0	0	1
full capacity	0	0	0



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