

J-Transport - Paper Handling Module

J - Transport Sensor Function

The J -Transport Module has 8 sensors that monitor and supply paper jam, paper location and paper speed information to the machine run control. Machine run control uses the information for jam detection, paper transport, and motor speed control. All the sensors in the J -Transport are the reflective type. They are ON (0 VDC) when paper is present and OFF (5 VDC) when no paper is present.

NOTE: See **J-Transport Sensor Locations** for the location of the paper path sensors in the J -Transport Module.

See the table on next page for a brief description of the J-Transport Sensor functions.

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J - Transport Sensor Function (continued)

Function Table

Sensor Name	Description
J-Transport Path Sensor #1	Monitors paper for jams in the Upper J-Transport
J-Transport Path Sensor #3	Monitors paper for jams in the Upper J-Transport. An OFF signal triggers the J-Transport Roll #2 Nip Release Solenoid.
J-Transport Path Sensor #4	Monitors paper for jams after the turn in the Upper J-Transport. An OFF signal triggers the J-Transport Roll #3 Nip Release Solenoid.
J-Transport Path Sensor #5	Monitors paper for jams after the turn in the Upper J-Transport. Detects Guillotine jams between the J-Trans. and the Aligner. An OFF signal shuts down J-Transport Mot. #1 and triggers J-Transport Roll #4 Nip Release Solenoid.
J-Trans. Duplex Path Sensor #1	Detects paper jams in the Duplex (lower) J-Transport
J-Trans. Duplex Path Sensor #3	Detects paper jams in the Duplex (lower) J-Transport. ON state is used as the [Wait for Duplex Paper] signal. ON state is used as the trigger to energize the J-Trans. Mot #1. OFF signal triggers the J-Transport Dup. Roll #3 Nip Release Solenoid. OFF signal is used as the trigger to deenergize the J-Trans. Mot #2.
J-Transport Door Interlock Switch	Detects when the J-Transport access door is open or closed.