

Connector Panel

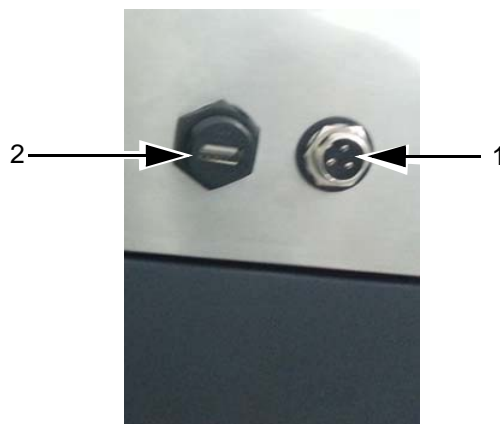
The connector panel (item 7, Figure 3-3 on page 3-3) provides inputs for several types of external devices.

Table 3-3 provides the connectors available for the printer.

Connector Type	Standard
Print Trigger	Willett 620
USB	Willett 620

Table 3-3: Connector Panel Ports

Note: All the connectors are sealed to provide the required protection from water and dust according to the IP43 standard.



- 1. Print Trigger
- 2. USB

Figure 3-7: Connector Panel

Print Trigger Connector

The print trigger connector, detects the product and informs the printer, when to print on the product. The printer provides a +15 VDC, 200 mA output for use by a photoelectric cell (PEC), inductive proximity detector. The print trigger connector (item 1, Figure 3-7 on page 3-9) is a 3-way DIN connector. The pin functions are shown in Table 3-4.

Note: Photoelectric cell (PEC) is also called an inductive proximity detector or product detector.

The default configuration is a NPN (current sinking input). This input can be changed to a PNP (sourcing input) with the movement of a jumper located on the back of the MCB.

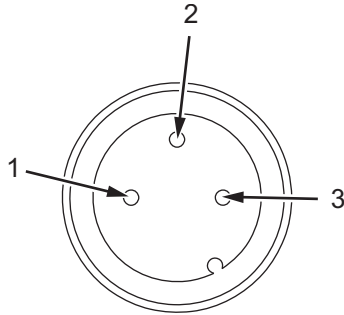


Figure 3-8: Print Trigger Connector Pin Diagram

Note: Figure 3-8 represents the view of the connector on the side of the printer.

Pin	Function
DIN Pin 1	+15 VDC supply to sensor
DIN Pin 2	Sensor output
DIN Pin 3	0 VDC common

Table 3-4: Print Trigger Connector Pinouts

Note: The mating cable (male, 3 pin DIN connector - P/N: 500-0036-578) is used to interface other product detectors to the printer.

USB Connector

The USB Connector (Figure 3-9) allows for data to be transferred to and from a connected USB flash drive.

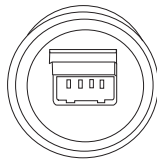


Figure 3-9: USB Connector

Note: Figure 3-9 represents the view of the connector on the side of the printer.