TransLogic® 6-inch 1 x 4 Transfer Unit Specifications

The 6-inch 1 x 4 transfer unit is a switching device used at branching points in the system to direct the path of a carrier from a single pipe at one end to any one of four selectable pipes at the other end. An optical sensor is contained within each unit to detect the passage of a carrier. A moveable tube gently guides the carrier through the unit in either direction. The tube is positioned precisely at the selected port by a magnetic proximity sensor.

The entire transfer unit is enclosed in a rigid metal box frame with removable side covers for service. The simple design and heavy-duty construction provide very high reliability. Diagnostic features such as a built-in port alignment gauge, as well as diagnostic switches and indicators, on the control assembly simplify maintenance. A port cap is used to cover an unused line from a transfer unit.
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**Drive Mechanism:** Electromechanical

**Power Requirements:**
105 to 125 VAC, 60 Hz, Single Phase, 3A

**Control Requirements:**
LAN/Ethernet (preferred): 100Base-T, category 5e cable or better

Serial (alternate): 4 conductor cable, #22 AWG stranded, 5 VDC maximum open circuit voltage, 200 mA maximum short circuit current

**Environmental Requirements:**
Temperature Operating: 0° to 120° F (5° to 49° C)
Storage Temperature: -20° to 180° F (29° to 82° C)
Relative Humidity: 0 to 90%
Max. System Vacuum/Pressure: 4 psig
Positioning Time: Typically 2 sec. (3 sec. max)
Heat Output: Approx. 130 BTU/hr

**Weight:** 127 lbs (57.6 kg)
Available Options

Bypass Pipe Assembly

- Bypass Pipe Assembly
- 65" Minimum as shown
- 9" Minimum from holes to transfer unit
- Field bore two (2) 1/2" diameter holes
- 90 +/- .04"
- Bolted coupling
- Standard 6" tubing, field cut
- PRV flap and clamps

Vacuum Bypass Valve (powered from TU)

- 7.9"
- 12.2"
- 14.7"
- 13.5"
- 14.1"
Swisslog Healthcare
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