

# Free Standing Conveyor Kit 4.5 X 36



## Free Standing Swivellink 4-1/2"W X 36"L Variable Speed Conveyor

Heavy duty black conveyor belt, seamless construction, driven by a variable speed Brushless DC gear motor with conveyor mounted speed control. This controller will be used to set the speed of the conveyor belt.

The conveyor includes sensors at each end. Sensors can be used with the robot digital inputs. Robot digital outputs will be used for forward and reverse of the conveyor motor.



The conveyor sensors and forward/reverse control will be terminated to a small, conveyor mounted junction box. This control will include a custom cable that will plug into the LR Mate robot controller internal mounted peripheral I/O board. The end user will need to route the cable from the conveyor to the robot control panel and feed the cable through the gland plate on the right-hand side of the LR Mate robot controller. The conveyor will receive motor power with a supplied by 110VAC power cord that can be plugged into any 120 VAC outlet.

Note that only qualified personnel should perform any connections in the Fanuc robot control panel. Proper safety, lock out/tag out procedures, and electrical knowledge must be used to avoid personal injury.

Conveyor specification (kit includes 2 complete conveyor assemblies):

- swivellink® belt conveyor with variable speed capability (conveyor mounted speed control)
- Free standing conveyor base with adjustable height stands
- Locking swivel casters for portability
- 4-1/2" wide bed, 4-1/4" wide belt, 36" overall length conveyor
- Adjustable side rails
- Hard stop each end of conveyor
- Optical sensor at idle end of conveyor on adjustable mount
- Optical sensor at drive end of conveyor on adjustable mount
- Sensor cables and motor control forward / reverse terminated in small junction box
- 120 VAC Power cable

Conveyor overall height from the floor is adjustable from approximately 26" up to 35 off the floor.