

Sensor Adjustment

› Mechanical Adjustments

- Adjustment of sensors E10 & E20. Gap to .8mm in resting position. Note: Re-adjust every time gripper height is adjusted.
- Adjustment of sensors E11, E12, E21 & E22. Gap to .8mm with air pressure in piston that moves activating plate. Note: Adjusting without air may cause damage to sensor.
- Adjustment of sensors E13, E14, E23 & E24. install approximately 3mm from inner side of end caps on cylinder.
- Adjustment of sensor E25. Gap to .8mm.

Sensor Adjustment

› Routing and Trimming Cable:

- Wire tie and route sensor cable properly. Note: Conductors in cable open under stress. Cable may snag and break if not routed correctly.
- Cut sensor cable to length. Note: If cable is coiled then positioned in wiring unit it could cause errors.

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› Voltage Check on Proximity Sensors:

- Locate terminal points. DC voltage-20V scale: 11V - sensor activated, 3.5V - sensor deactivated. Note: Care should be taken not to over-tighten any of the sensors.

› Continuity Check on Reed Switches:

- Ohm out sensors. Note: Check when installed, piston inside cylinder will activate switch.