

PICK TO LIGHT SYSTEM :: Using Verification Sensors

THE PRODUCT :

Electronic Switches (India) Pvt. Ltd; offers micro-controller based Pick-To-Light Error-Proof System to guide an assembly operator or stock person through a preset sequence of actions, usually incorporating an indicator light to signal the next correct parts bin. A System turns on the light at the next correct bin and waits to receive a signal confirming correct part was picked by the operator before turning on the next light in the sequence. In case operator tries to pick up material from wrong bin, the same is detected and loud Hooter is sounded to attract attention. System has a facility to set any required sequence of bins as per production requirement and store them in memory so that required sequence can be selected as and when required.

Typical Pick-To-Light applications include automotive, engineering products, household appliances or electronic assembly lines for ensuring quality and flexibility, with even less experienced work force.

Pick-to-Light Error-Proof Systems : Features

- System can be offered for 8 / 16 / 24 Number of Bins.
- Required Sequence can be set by user whenever required
- Few Sequence options can be stored in Memory so required sequence can be selected.
- System uses Infra Red Retro-reflective Sensors for verification. (Sensor : 41x36xL mm)
- System gives audio and light indication upon detection of sequence error.
- Error is reduced or eliminated because operators are guided in a logical sequence.
- The lights allow the operator to easily and quickly locate the next correct parts bin thereby increasing productivity.
- Accelerated training, particularly beneficial for environments where operators are cross-trained or less experienced.
- Floor space can be reduced as it is possible to place bins in multi-level installations and close proximity because the picking lights will eliminate errors.
- Additional features can be offered as per user requirements.



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