

PRINT MARK SENSOR

GENERAL DESCRIPTION :

This is designed for sensing registration mark. It continuously scans the presence of registration mark on the moving packaging film. The electronic circuitry is capable of detecting / scanning any colours on any background colour. The scanning rate is as high as 2000 packages / minute making it suitable for any type of packaging machine including candy packing machine.

A logic controller is also developed to take care of your various logics suitable to your machine mechanism. The logic controller accepts signals from scanning head & other Proximity Sensors and gives required output as per the programmed logic.



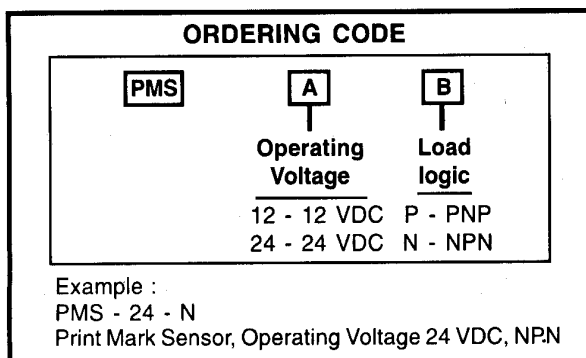
OPERATING PRINCIPLE : A modulated Green LED is focused on the moving packaging film. A highly sensitive Photo cell continuously accepts the reflections from the packaging film and sends the signals to the electronic scanning circuit. On scanning the presence of Registration Mark; it gives transistorised output.

SALIENT FEATURES :

- Fully solid state thus making it a totally reliable. It further eliminates any sort of maintenance requirements.
- Immune to external light source, electrical interference.
- A selector switch provided on the scanning head, make it easy to choose mode of operation. i.e. Dark switching or light switching.
- High speed switching i.e. 2000 marks / min.
- Detection of any colour sheds on any background colour. A sensitivity pot is provided for this purpose.

SPECIFICATIONS :

Supply Voltage : 12V DC/24V DC
Scanning Distance : 3 to 8 mm between the scanning head and the film
Output : NPN, PNP
Dimensions (L X WX H) : 90x65X35 mm.



• INDUCTIVE PROXIMITY SENSORS

3 WIRE DC MODEL
2 WIRE AC MODEL
2 WIRE DC MODEL
3 WIRE AC MODEL
NAMUR

• PHOTOELECTRIC PROXIMITY SENSORS

THROUGH BEAM WITH CONTROLLER
THROUGH BEAM WITH BUILT-IN AMPLIFIER
DIFFUSE BEAM
RETRO – REFLECTIVE

• CAPACITIVE PROXIMITY SENSORS

• PRINT MARK SENSOR

PROXIMON CONTROLS PVT. LTD.

Manufacturers of Proximity Sensors, Process Instruments & Automation Systems

202, Krishna, Laxmi Industrial Complex,
Pokhran Road No. 1, Vartak Nagar, Thane - 400 606, India
Tel.: 91-22-25889244/45, 25854287 Fax : 91-22-25889246
Email : info@proximon.com Website : www.proximon.com