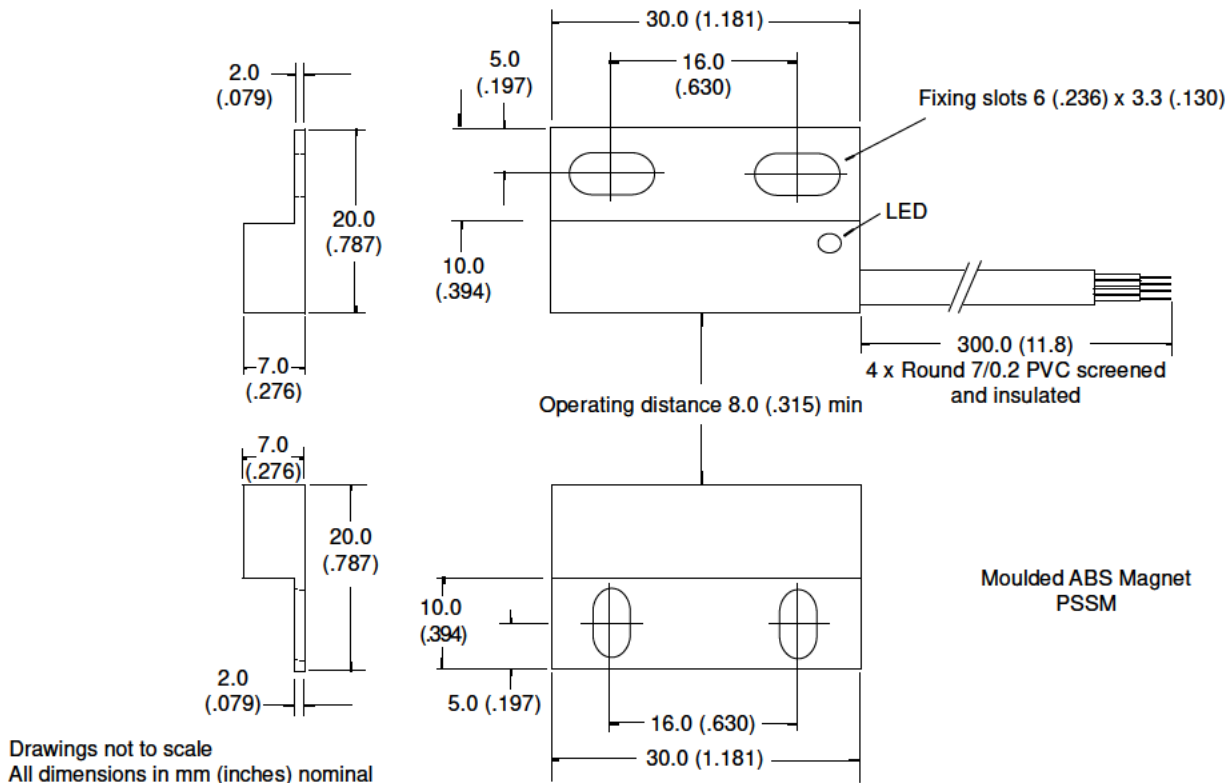


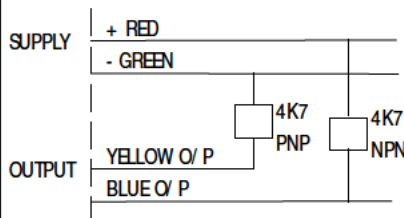
PRODUCT DATA SHEET



Drawings not to scale  
All dimensions in mm (inches) nominal

SPECIFICATION

|                       |          |                |
|-----------------------|----------|----------------|
| SUPPLY VOLTAGE        | Max. Vdc | 10 - 20        |
| ON CURRENT            | Max. mA  | 25             |
| OUTPUT TYPE           |          | Open Collector |
| OUTPUT CURRENT        | Max. mA  | 250            |
| OUTPUT LOADING        |          | 4.7K           |
| PROXIMITY OPERATION   |          | See Below      |
| OPERATING DISTANCE    | Min. mm  | 8              |
| OPERATING TEMPERATURE | Deg. °C  | -30° + 70°     |
| STORAGE TEMPERATURE   | Deg. °C  | -30° +75°      |
| CASE MATERIAL         |          | Polystyrene    |



Red = +v,  
Green = 0V  
Blue = NPN Output (4.7k ohms to +V)  
Yellow = PNP Output (4.7k ohms to 0V)

- PNP + NPN Output
- Normally Open Contact
- Magnet Activated Bounce Free Operation
- LED indication

NOTE: When power is applied the red indication LED will glow dimly to indicate power is at the device. When a magnet is present ie on target the LED will illuminate at full brightness.

This product is fully sealed to give maximum mechanical protection and minimise the ingress of dust and moisture. As a guide, the product is expected to meet the requirements of IP65.

RECTANGULAR SOLID STATE PROXIMITY SENSOR

PART NUMBER  
**PSS25S/30**

| Rev. No. | Revision Note | Date   | Signature |
|----------|---------------|--------|-----------|
| D        | Web Site 2000 | 1-4-00 | RG        |