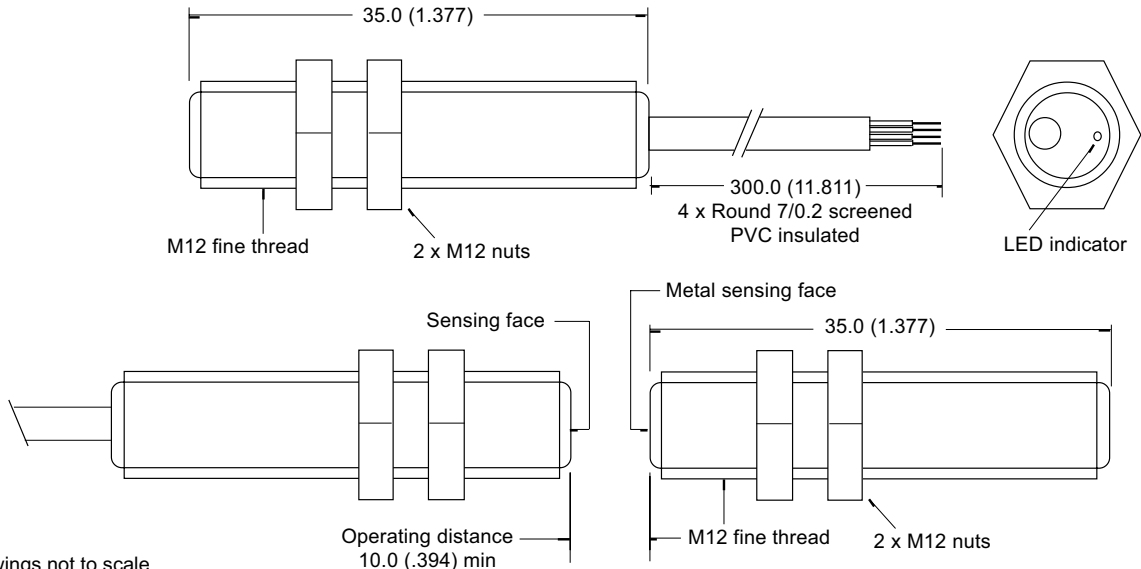


# Comus Group of Companies

# PRODUCT DATA SHEET

**PART NUMBER**  
**PTS25S/30**

Manufactured in the UK

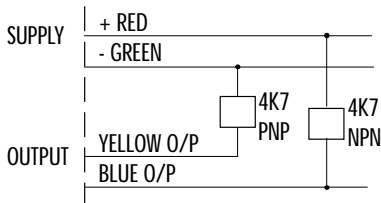


Drawings not to scale  
All dimensions in mm  
(inches) nominal

**Magnet PTSM**

## SPECIFICATION

SUPPLY VOLTAGE	Vdc	4.5 Min. - 24 Max.
ON CURRENT	Max. mA	25
OUTPUT TYPE		Open Collector
OUTPUT CURRENT	Max. mA	250
OUTPUT LOADING	Ohms	4.7K
SENSING DISTANCE (North pole activated)	Min. mm	10
OPERATING TEMPERATURE		
CONTINUOUS	Deg. °C	-20° + 85°
INTERMITTENT	Deg. °C	-20° +105°
STORAGE TEMPERATURE	Deg. °C	-25° +90°
CASE MATERIAL		Brass-Nickel Plated



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

- PNP + NPN Output
- Normally Closed 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.

### PROXIMITY - Hall Effect - Metal

**PART NUMBER**  
**PTS25S/30**

Rev. No.	Revision Note	Date	Signature
3	Output contact clarification	13.12.11	ML

The Comus Group of Companies



ISO 9001:2008  
Certificate No. FM21080

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