

# Monitor for Nut Sensor SMR3XXXX

## Features

- Abrasion and impact resistant.
- LED for on/off status of sensor.
- Interface directly to programmable controllers.
- Minimum nut thickness is;
  - 8.0mm (.31") for M10 nut
  - 10.0mm (.39") for M12 nut
- Maximum blank thickness is 2.5mm (.10")



## Technical Data

### Sensor connector:

2 X 3-pin terminal strips

### Supply Voltage Range:

10VDC to 30 VDC

### Maximum Load Current:

180mA

### Operating temperature range:

32°F to 140°F [0°C to +60°C]

### Response time:

25ms turn-on, 25ms turn-off

### Indicator lights:

GREEN: DC power connect  
AMBER: Target detected

### Target material:

Ferrous/Non-Ferrous

### Short circuit protection:

Yes

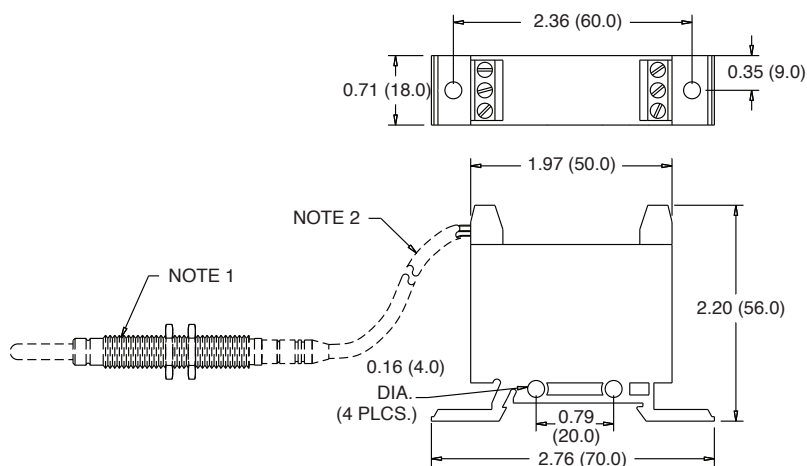
### Overload protection:

Yes

### Weight:

.091 lbs / 41 gms

Dimensions in. (mm)



Note 1	SOLD SEPERATELY
Note 2	SOLD SEPERATELY

System	Sensor	Monitor	Switch type	Cable
M5 Nut Detector	SNP50608	SMR36005 (NPN) SMR37005 (PNP)	Current sinking Current sourcing	SCE13000 2m (6ft.) SCE13001 2m (6ft) (Angled)
M6 Nut Detector	SNP50608	SMR36006 (NPN) SMR37006 (PNP)	Current sinking Current sourcing	SCE13000 2m (6ft.) SCE13001 2m (6ft) (Angled)
M8 Nut Detector	SNP50608	SMR36008 (NPN) SMR37008 (PNP)	Current sinking Current sourcing	SCE13000 2m (6ft.) SCE13001 2m (6ft) (Angled)
M10 Nut Detector	SNP01012	SMR36010 (NPN) SMR37010 (PNP)	Current sinking Current sourcing	SCE13001 2m (6ft.) SCE13001 2m (6ft) (Angled)
M12 Nut Detector	SNP01012	SMR36012 (NPN) SMR37012 (PNP)	Current sinking Current sourcing	SCE13000 2m (6ft.) SCE13001 2m (6ft) (Angled)