

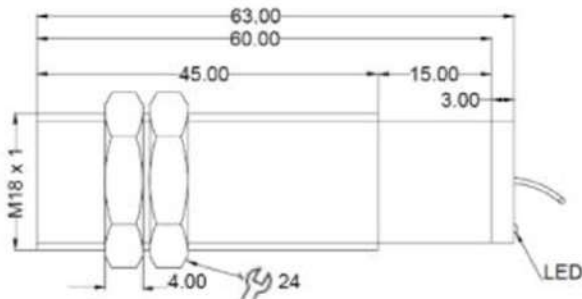


**SMTL**<sup>®</sup>  
SENSORS

## CYLINDRICAL INDUCTIVE SENSORS



### DIMENSIONS



### APPLICATIONS

Special feature

- Vibration and shock resistant
- Increased sensing range
- Suitable for industrial, mobile applications and Factory automations
- High protection rating for the requirements of harsh industrial environments

### TECHNICAL SPECIFICATION

#### General Specification

Size	<b>M-18</b>
Output type	<b>3 - WIRE DC</b>
Sensing Distance	<b>5 mm</b>
Object (mm)	<b>18x18x1</b>
Type	<b>Flush</b>
Logic	<b>NPN</b>
Frequency	<b>500 Hz</b>
Contact	<b>NO/ NC/ INO+INC</b>

#### Nominal Ratings

Supply Voltage	<b>10-30 V DC</b>
Load Current	<b>200mA</b>
Operating Temperature (C)	<b>55°</b>
Switch Point Hysteresis H.	<b>0.5 %</b>
No Load Current (mA)	<b>7 mA</b>
Voltage Drop U (V)	<b>1 volt</b>
Switching Frequency	<b>500 Hz</b>
Reverse Polarity Protection	<b>Yes</b>
Short Circuit Protection	<b>Yes</b>

#### Mechanical Specification

Environmental Protection	<b>IP67</b>
Housing type	<b>Threaded</b>
Housing Material	<b>Brass Nickel Plated</b>
Wire (sq. mm)	<b>3C x 0.20</b>
Mounting	<b>Flush Mountable</b>

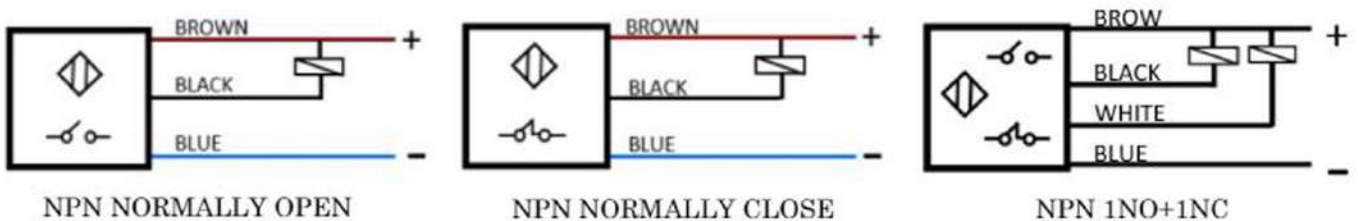
#### Display/Indicator

Display	<b>Switching status LED, Red</b>
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Catalogue	<b>SMTL 1805FPO/PC SMTL1805FNO/NC</b>
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### CONNECTIONS



### SHREE MAHALAXMI TRADE LINKS

Address: 205,334-E, Dattawad Renaissance, Shahupuri, Kolhapur-India-416001

Mob.: 7741999777

Email: info@smtlgroup.com

Website: http://www.smtlgroup.com

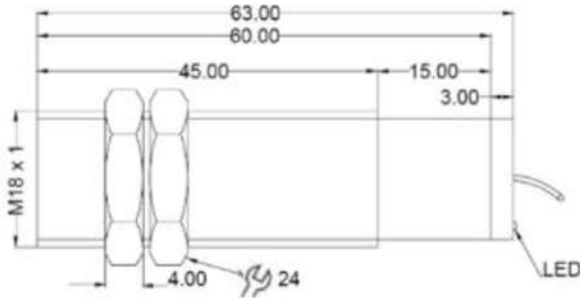


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### TECHNICAL SPECIFICATION

#### General Specification

Size	<b>M-18</b>
Output type	3 - WIRE DC
Sensing Distance Sn	<b>5 mm</b>
Object (mm)	18x18x1
Type	Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC/ 1NO+1NC

#### Nominal Ratings

Supply Voltage	10-30 V DC
Load Current	200mA
Operating Temperature (C)	55°
Switch Point Hysteresis H.	0.5 %
No Load Current (mA)	7 mA
Voltage Drop U (V)	1 volt
Switching Frequency	500 Hz
Reverse Polarity Protection	Yes
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#### Mechanical Specification

Environmental Protection	IP67
Housing type	Threaded
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Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

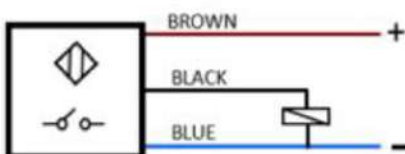
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Display	Switching status LED, Red
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<b>Catalogue</b>	SMTL1805FPO/PC SMTL1805FNO/NC
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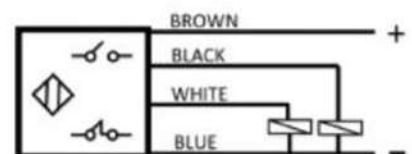
### CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



PNP 1NO+1NC

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## CYLINDRICAL INDUCTIVE SENSORS



### TECHNICAL SPECIFICATION

#### General Specification

Size	<b>M-18</b>
Output type	3 - WIRE DC
Sensing Distance Sn	<b>8 mm</b>
Object (mm)	18x18x1
Type	Non Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC/ 1NO+1NC

#### Nominal Ratings

Supply Voltage	10-30 V DC
Load Current	200mA
Operating Temperature (C)	55°
Switch Point Hysteresis H.	0.5 %
No Load Current (mA)	7 mA
Voltage Drop U (V)	1 volt
Switching Frequency	500 Hz
Reverse Polarity Protection	Yes
Short Circuit Protection	Yes

#### Mechanical Specification

Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Non Flush Mountable

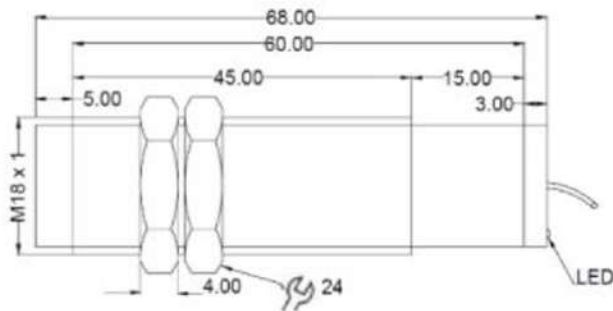
#### Display/Indicator

Display	Switching status LED, Red
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Catalogue	SMTL 1808NFPO/PC SMTL1808NFNO/NC
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### DIMENSIONS

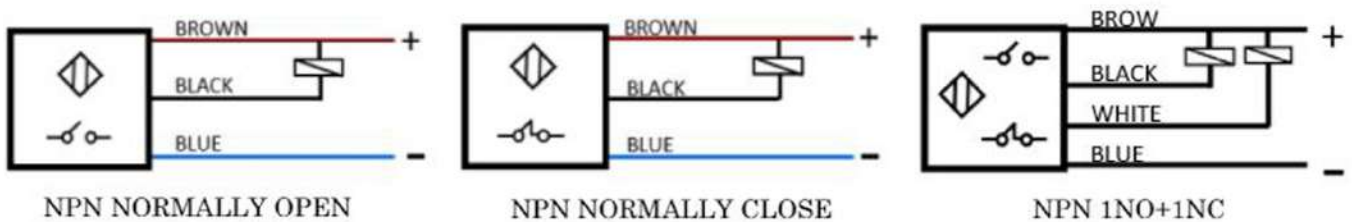


### APPLICATIONS

#### Special feature

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### CONNECTIONS



### SHREE MAHALAXMI TRADE LINKS

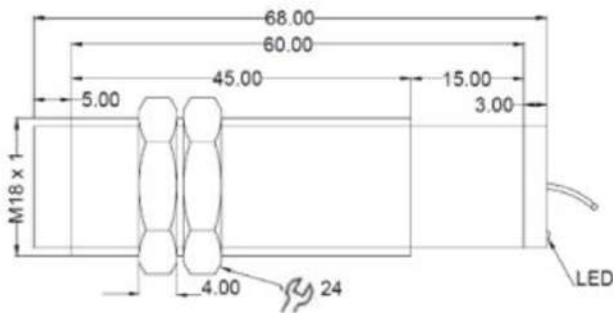
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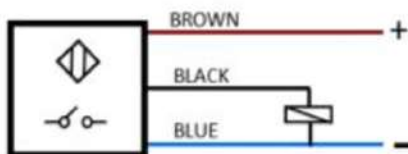
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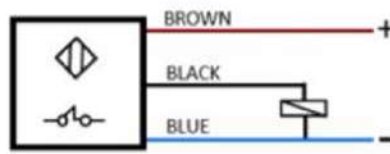
<b>Catalogue</b>	SMTL 1808NFPO/PC SMTL 1808NFNO/NC
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PNP NORMALLY CLOSE



PNP 1NO+1NC

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