



Proximity Sensors



Unitech Inc.

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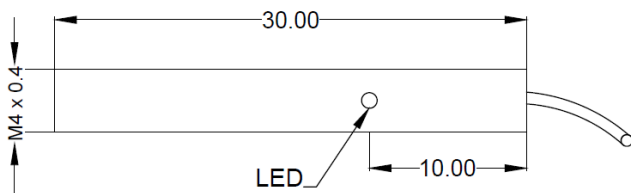
Cylindrical Inductive Sensor M 4



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	M-4
Output type	3 - WIRE DC
Sensing Distance Sn	0.8 mm
Object (mm)	4x4x1
Type	Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

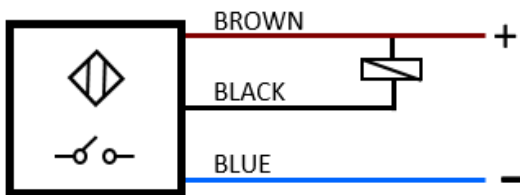
Environmental Protection	IP67
Housing type	unthreaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

Display/Indicator

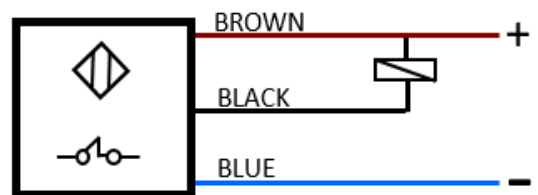
Display	Switching status LED, Red
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Catalogue	UTI0501PO/PC UTI0501NO/NC
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CONNECTIONS



NPN NORMALLY OPEN

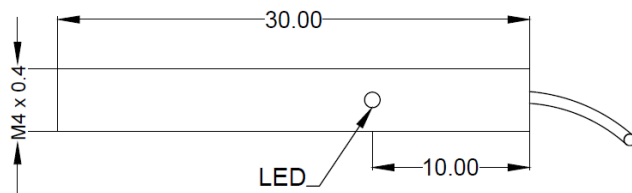


NPN NORMALLY CLOSE

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS

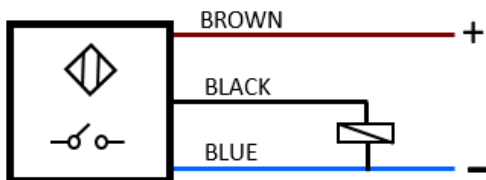


APPLICATIONS

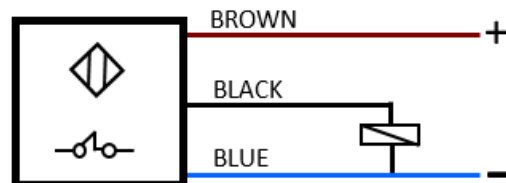
Special feature

- 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

CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSED

TECHNICAL SPECIFICATION

General Specification

Size	M-4
Output type	3 - WIRE DC
Sensing Distance Sn	0.8 mm
Object (mm)	4x4x1
Type	Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

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

Display/Indicator

Display	Switching status LED, Red
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Catalogue	UTI040.8PO/PC UTI040.8NO/NC
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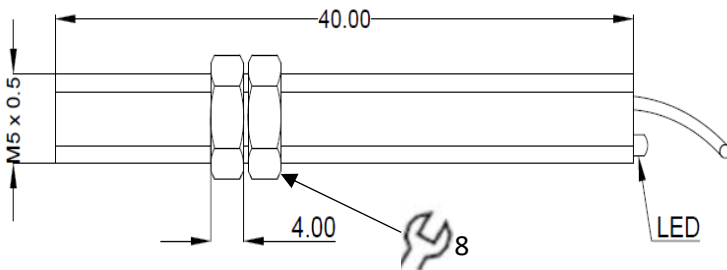
Cylindrical Inductive Sensor M 5



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

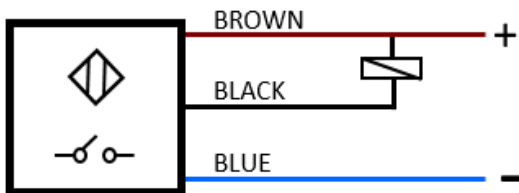
Special feature

- 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

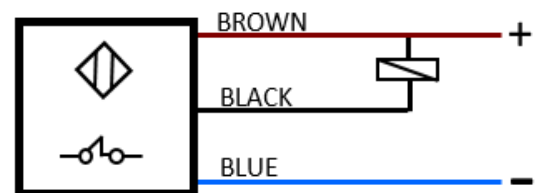
TECHNICAL SPECIFICATION

General Specification	
Size	M-5
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	5x5x1
Type	Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC
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
Mechanical Specification	
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI0501PO/PC
	UTI0501NO/NC

CONNECTIONS



NPN NORMALLY OPEN

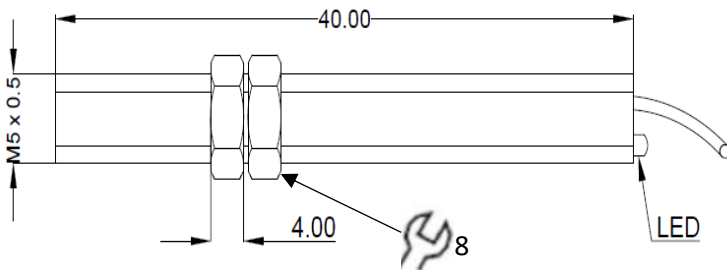


NPN NORMALLY CLOSE

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	M-5
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	5x5x1
Type	Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

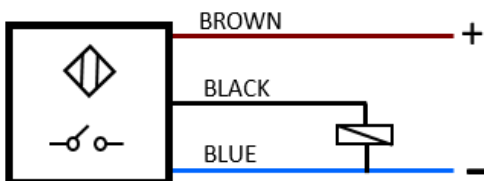
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

Display/Indicator

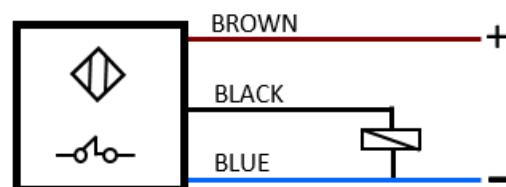
Display	Switching status LED, Red
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Catalogue	UTI0501PO/PC UTI0501NO/NC
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CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSED



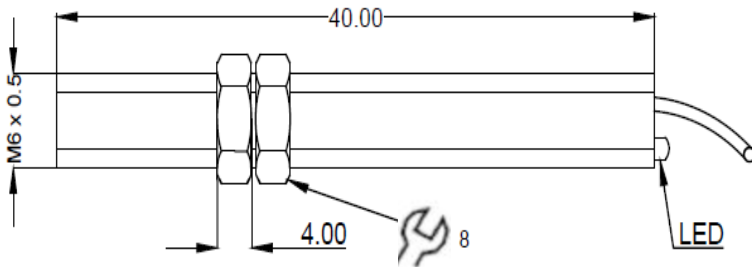
Cylindrical Inductive Sensor M 6



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	M-6
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	6x6x1
Type	Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

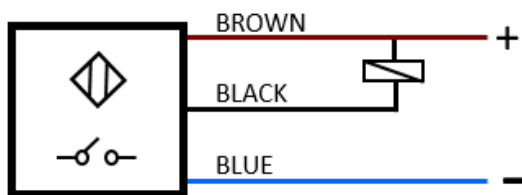
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

Display/Indicator

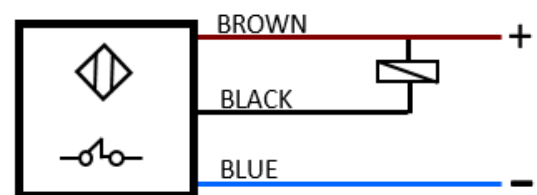
Display	Switching status LED, Red
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Catalogue	UTI0601PO/PC UTI0601NO/NC
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CONNECTIONS



NPN NORMALLY OPEN

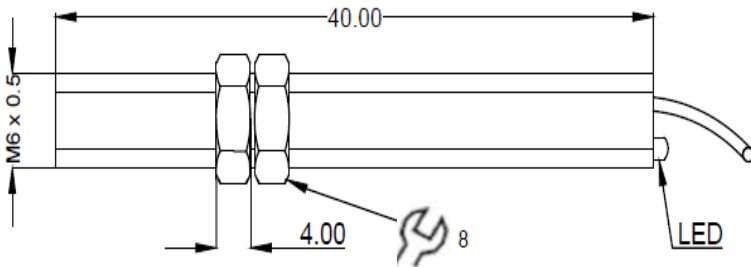


NPN NORMALLY CLOSE

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

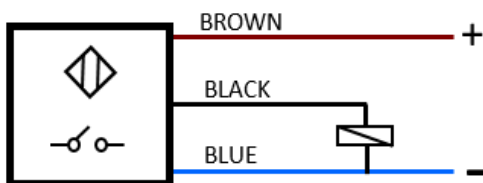
Special feature

- 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

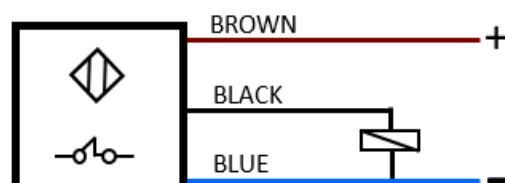
TECHNICAL SPECIFICATION

General Specification	
Size	M-6
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	6x6x1
Type	Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC
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
Mechanical Specification	
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	UTI0601PO/PC UTI0601NO/NC

CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



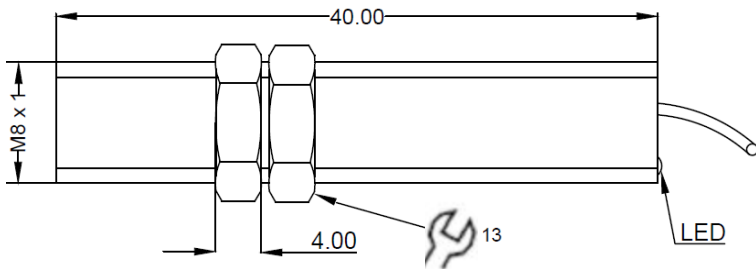
Cylindrical Inductive Sensor M 8



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	M-8
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	8x8x1
Type	Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

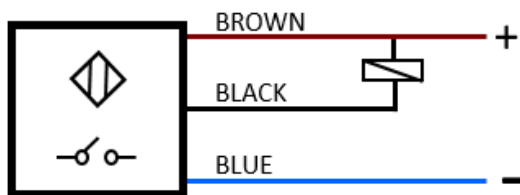
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

Display/Indicator

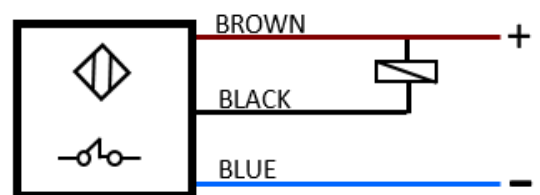
Display	Switching status LED, Red
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Catalogue	UTI0801FPO/PC UTI0801FNO/NC
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CONNECTIONS



NPN NORMALLY OPEN

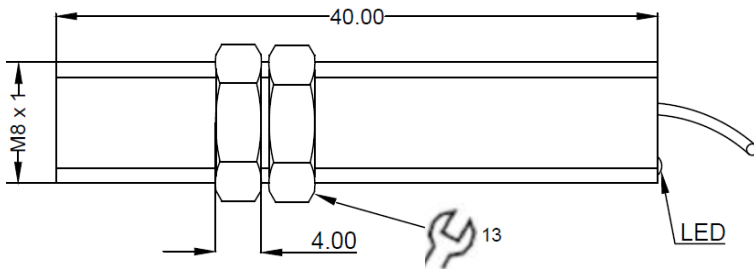


NPN NORMALLY CLOSE

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	M-8
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	8x8x1
Type	Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

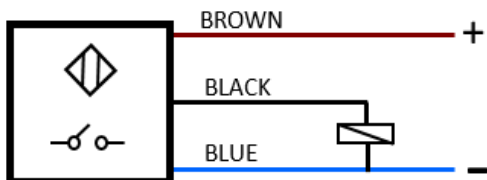
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable

Display/Indicator

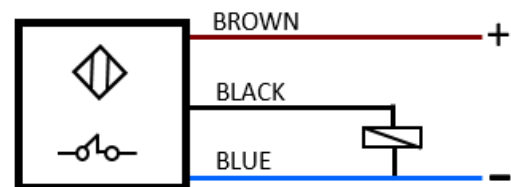
Display	Switching status LED, Red
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Catalogue	UTI0801FPO/PC UTI0801FNO/NC
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CONNECTIONS



PNP NORMALLY OPEN

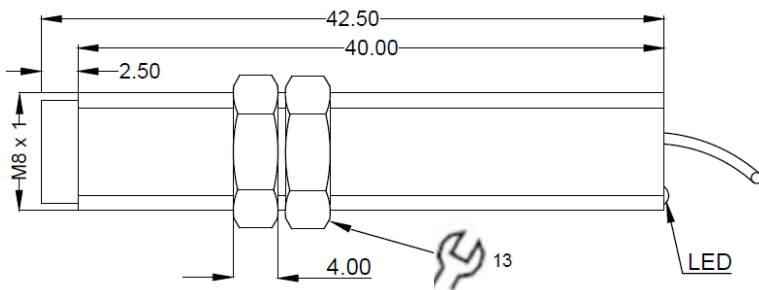


PNP NORMALLY CLOSE

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	M-8
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	8x8x1
Type	Non Flush
Logic	NPN
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

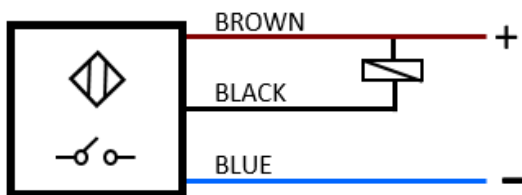
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Non Flush Mountable

Display/Indicator

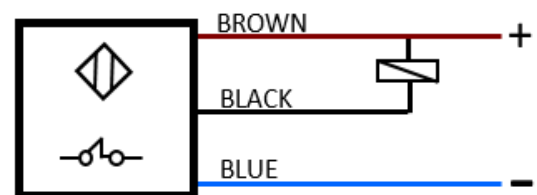
Display	Switching status LED, Red
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Catalogue	UTI0801NFPO/PC UTI0801NFNO/NC
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CONNECTIONS



NPN NORMALLY OPEN

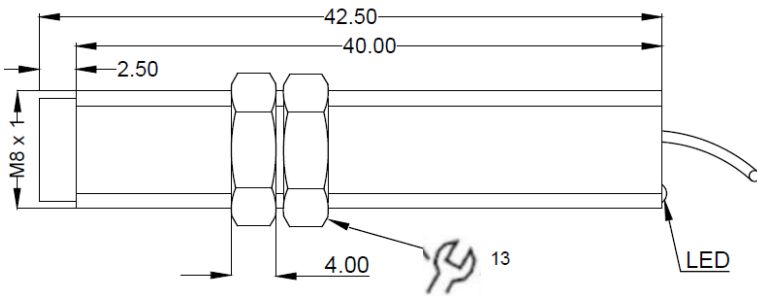


NPN NORMALLY CLOSE

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	M-8
Output type	3 - WIRE DC
Sensing Distance Sn	1 mm
Object (mm)	8x8x1
Type	Non Flush
Logic	PNP
Frequency	500 Hz
Contact	NO/ NC

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

Mechanical Specification

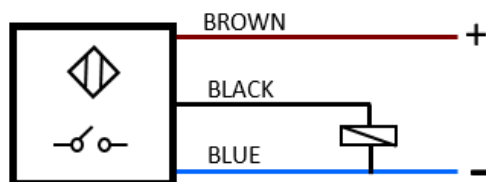
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Non Flush Mountable

Display/Indicator

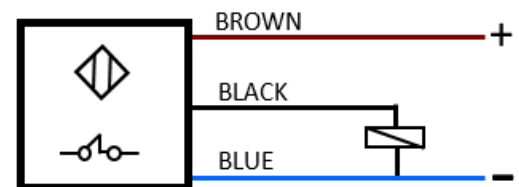
Display	Switching status LED, Red
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Catalogue	UTI0801FPO/PC UTI0801FNO/NC
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CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



UNITECH

Cylindrical Inductive Sensor M 12

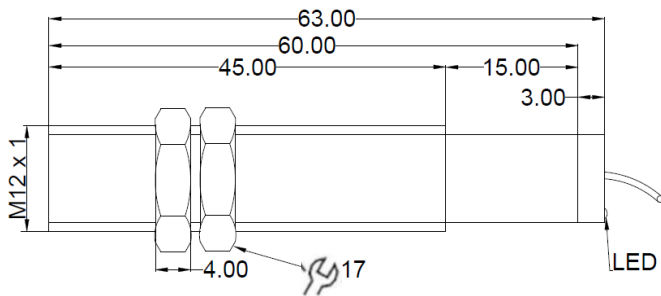


CYLINDRICAL INDUCTIVE SENSORS

TECHNICAL SPECIFICATION



DIMENSIONS



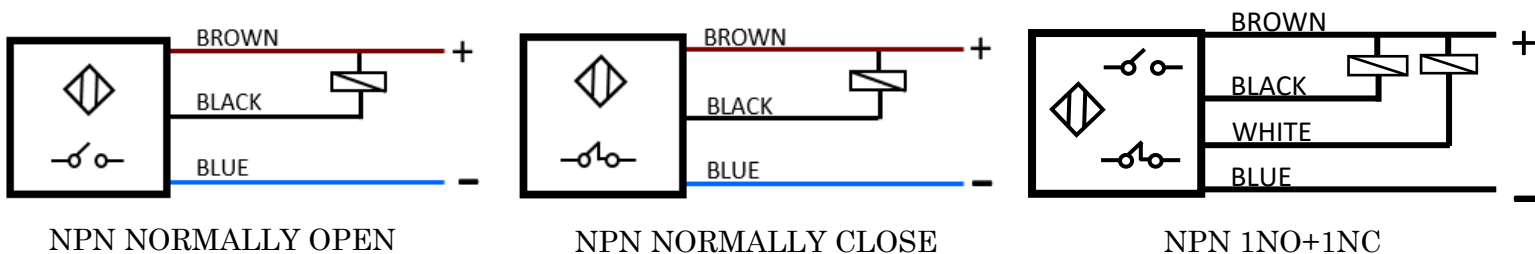
APPLICATIONS

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

General Specification	
Size	M-12
Output type	3 - WIRE DC
Sensing Distance Sn	2 mm
Object (mm)	12x12x1
Type	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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI1202FPO/PC UTI1202FNO/NC

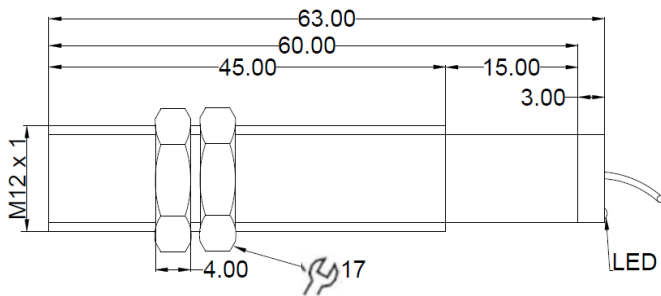
CONNECTIONS



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

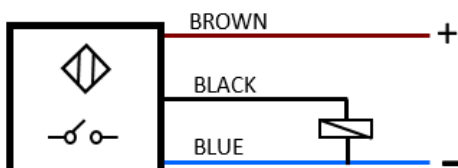
Special feature

- 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

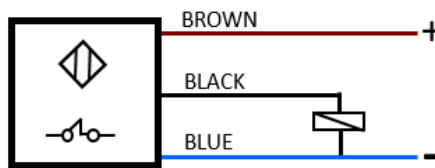
TECHNICAL SPECIFICATION

General Specification	
Size	M-12
Output type	3 - WIRE DC
Sensing Distance Sn	2 mm
Object (mm)	12x12x1
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
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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI1202FPO/PC UTI1202FNO/NC

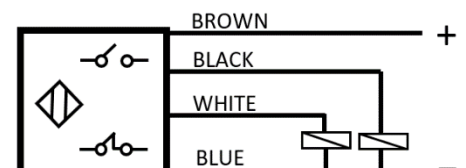
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE

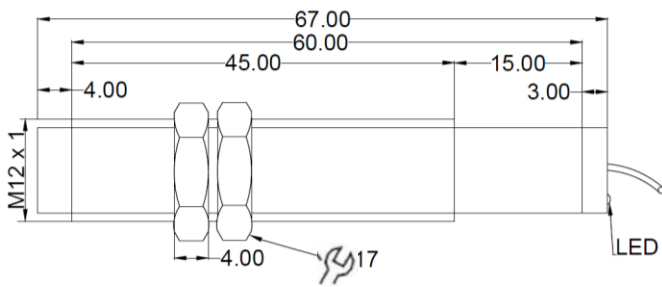


PNP 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

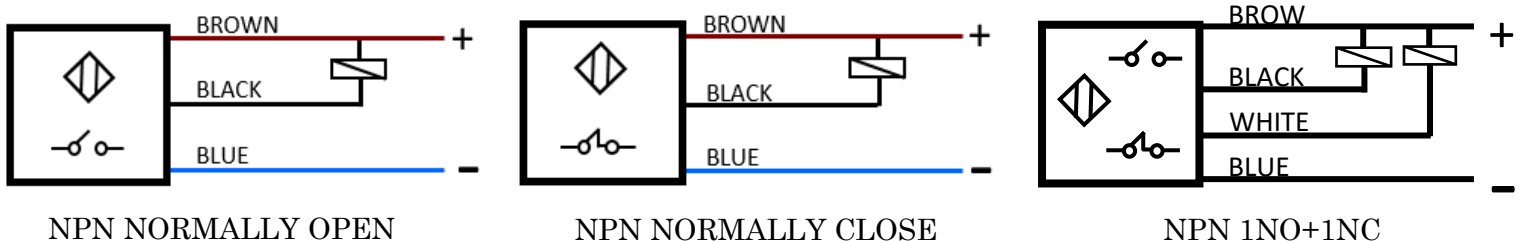
Special feature

- 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	M-12
Output type	3 - WIRE DC
Sensing Distance Sn	4 mm
Object (mm)	12x12x1
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
Catalogue	
	UTI1204NFPO/PC
	UTI1204NFNO/NC

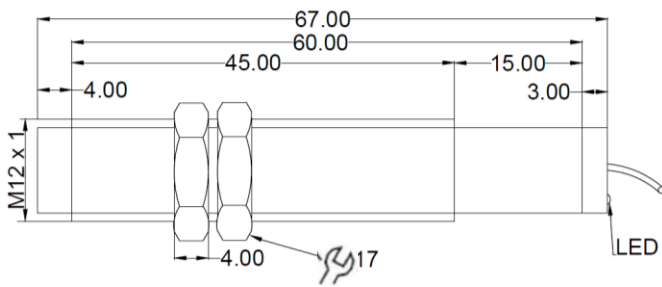
CONNECTIONS



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

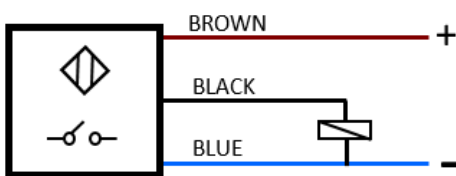
Special feature

- 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

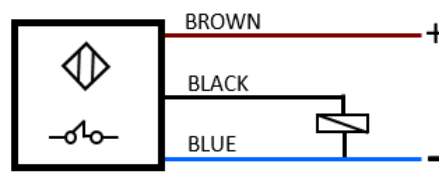
TECHNICAL SPECIFICATION

General Specification	
Size	M-12
Output type	3 - WIRE DC
Sensing Distance Sn	4 mm
Object (mm)	12x12x1
Type	Non 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
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
Catalogue	
	UTI1204NFPO/PC
	UTI1204NFNO/NC

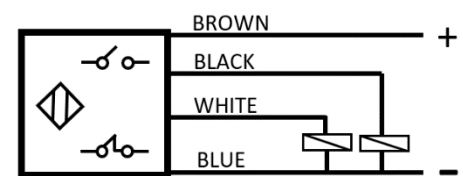
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



PNP 1NO+1NC



UNITECH

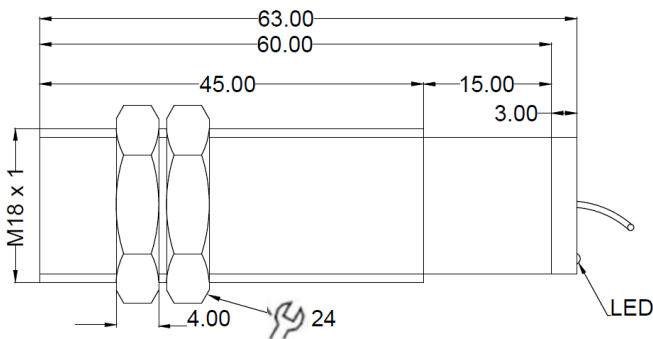
Cylindrical Inductive Sensor M 18



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

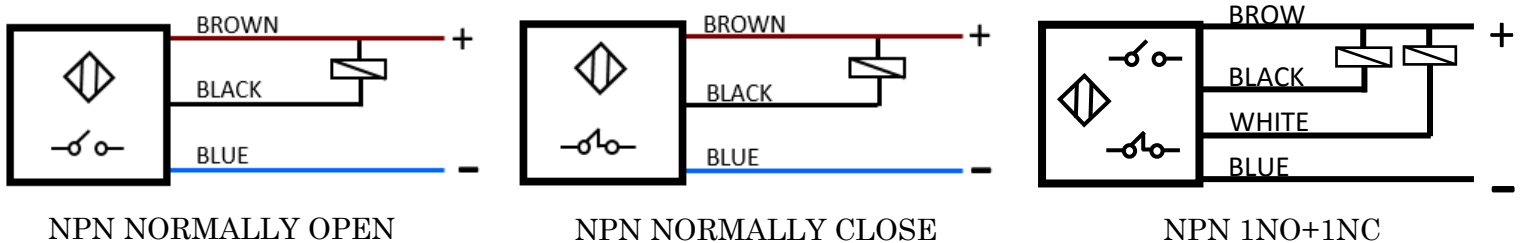
Special feature

- 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	M-18
Output type	3 - WIRE DC
Sensing Distance Sn	5 mm
Object (mm)	18x18x1
Type	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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI1805FPO/PC UTI1805FNO/NC

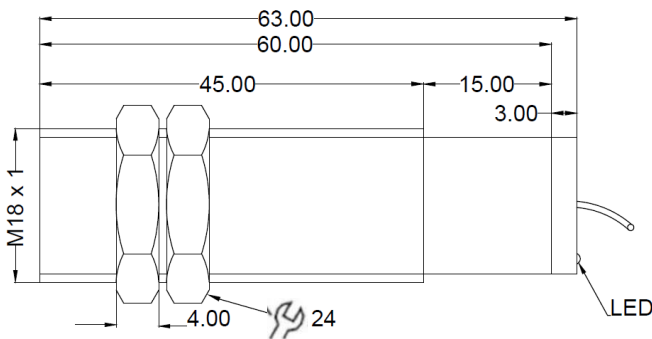
CONNECTIONS



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

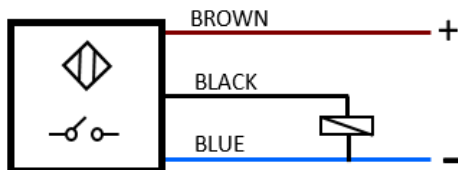
Special feature

- 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

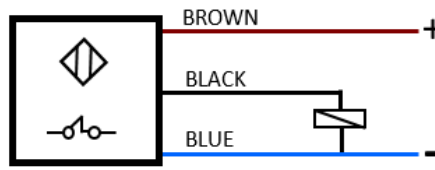
TECHNICAL SPECIFICATION

General Specification	
Size	M-18
Output type	3 - WIRE DC
Sensing Distance Sn	5 mm
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
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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI1805FPO/PC UTI1805FNO/NC

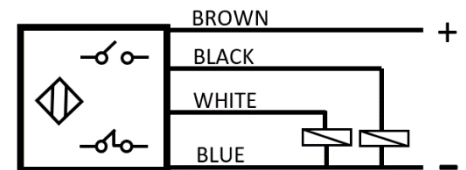
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE

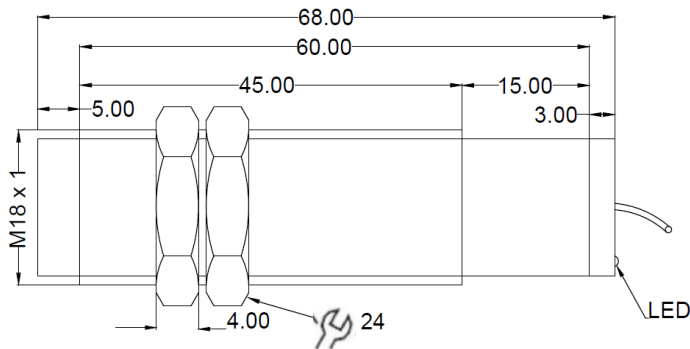


PNP 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

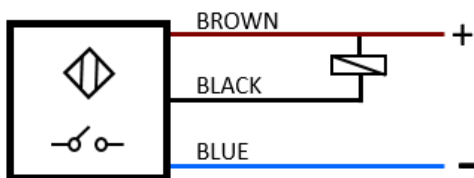
Special feature

- 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

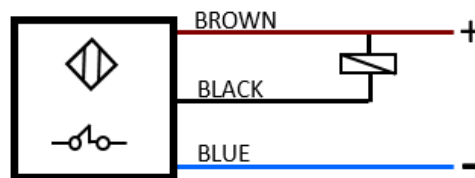
TECHNICAL SPECIFICATION

General Specification	
Size	M-18
Output type	3 - WIRE DC
Sensing Distance Sn	8 mm
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
Catalogue	
	UTI1808NFPO/PC UTI1808NFNO/NC

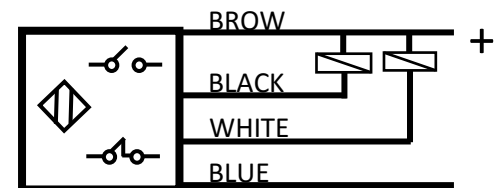
CONNECTIONS



NPN NORMALLY OPEN



NPN NORMALLY CLOSE

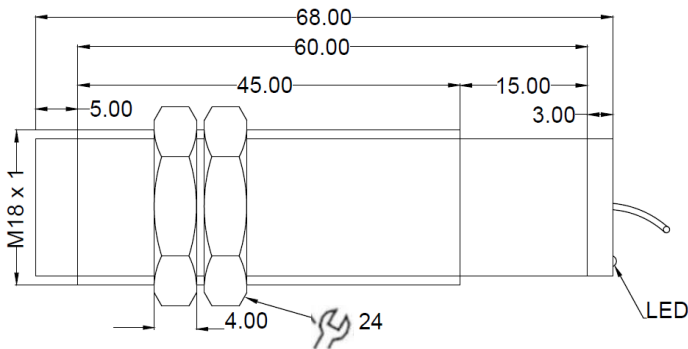


NPN 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

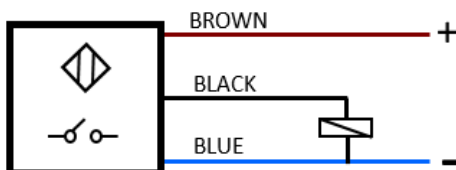
Special feature

- 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

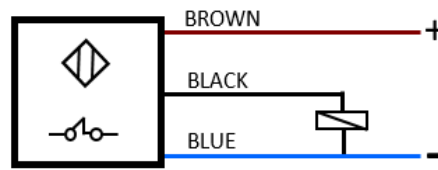
TECHNICAL SPECIFICATION

General Specification	
Size	M-18
Output type	3 - WIRE DC
Sensing Distance Sn	8 mm
Object (mm)	18x18x1
Type	Non 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
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
Catalogue	
	UTI1808NFPO/PC UTI1808NFNO/NC

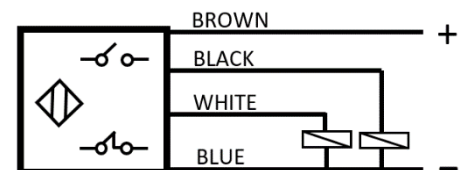
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



PNP 1NO+1NC



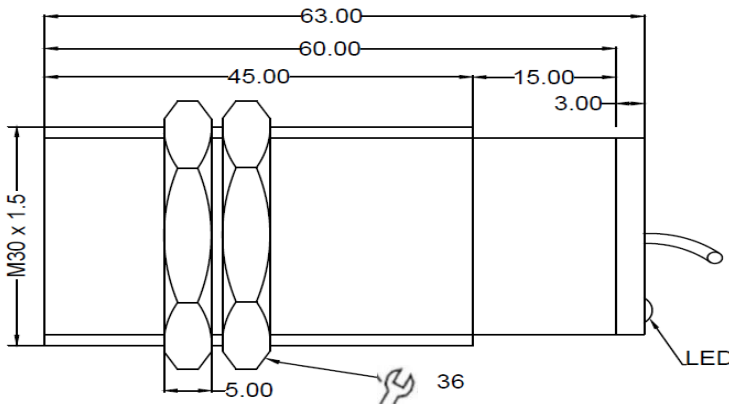
Cylindrical Inductive Sensor M 30



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

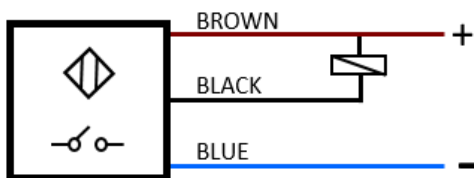
Special feature

- 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

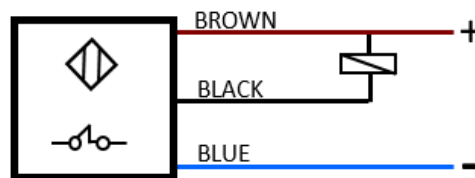
TECHNICAL SPECIFICATION

General Specification	
Size	M-30
Output type	3 - WIRE DC
Sensing Distance Sn	10 mm
Object (mm)	30x30x1
Type	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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI3010FPO/PC UTI3010FNO/NC

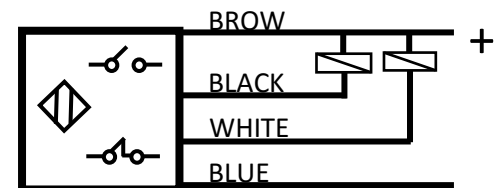
CONNECTIONS



NPN NORMALLY OPEN



NPN NORMALLY CLOSE

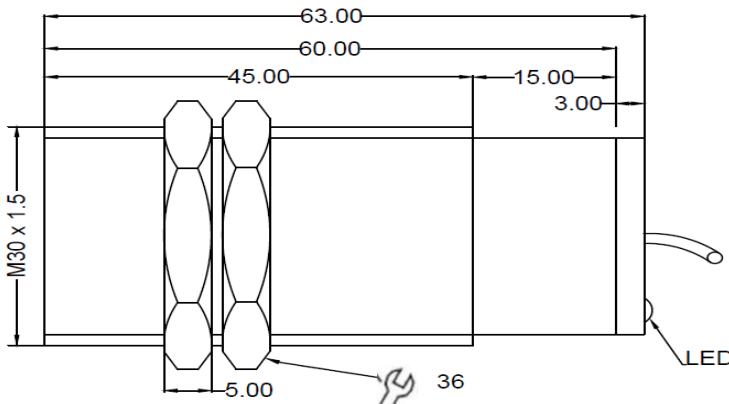


NPN 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

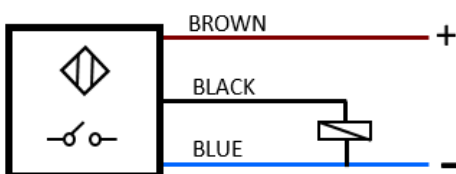
Special feature

- 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

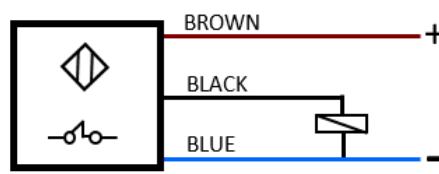
TECHNICAL SPECIFICATION

General Specification	
Size	M-30
Output type	3 - WIRE DC
Sensing Distance	Sn 10 mm
Object (mm)	30x30x1
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
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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI3010FPO/PC UTI3010FNO/NC

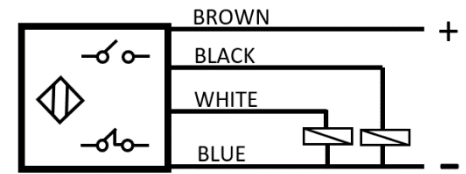
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE

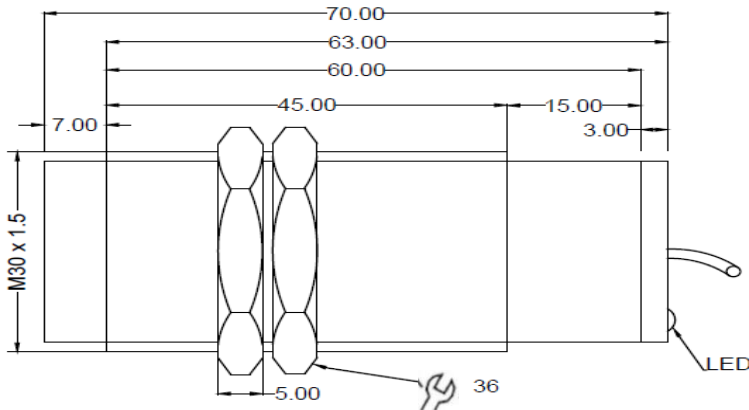


PNP 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

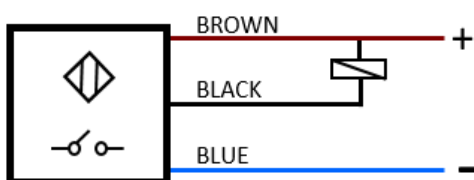
Special feature

- 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

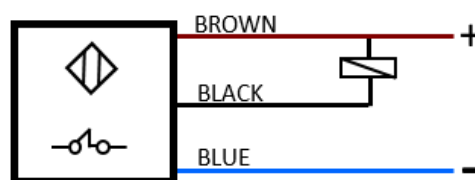
TECHNICAL SPECIFICATION

General Specification	
Size	M-30
Output type	3 - WIRE DC
Sensing Distance Sn	15 mm
Object (mm)	30x30x1
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
Catalogue	
	UTI3015NFPO/PC
	UTI3015NFNO/NC

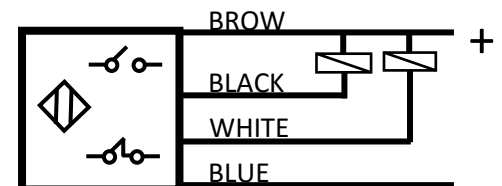
CONNECTIONS



NPN NORMALLY OPEN



NPN NORMALLY CLOSE

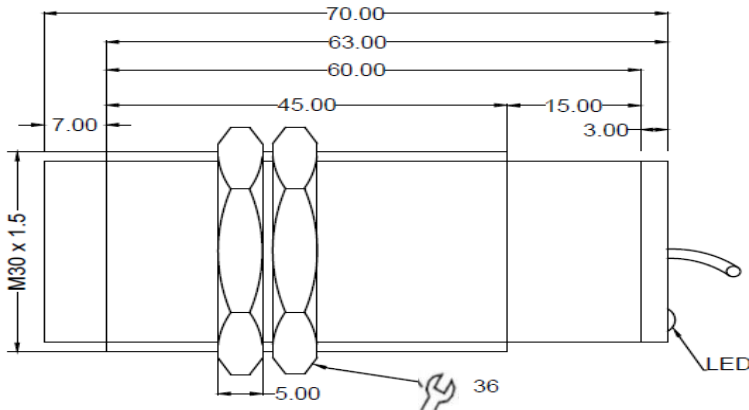


NPN 1NO+1NC

CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

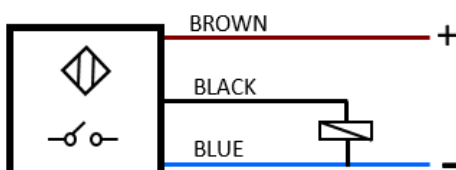
Special feature

- 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

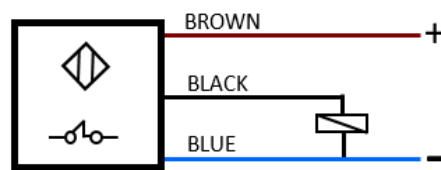
TECHNICAL SPECIFICATION

General Specification	
Size	M-30
Output type	3 - WIRE DC
Sensing Distance Sn	15 mm
Object (mm)	30x30x1
Type	Non 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
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
Catalogue	
	UTI3015NFPO/PC
	UTI3015NFNO/NC

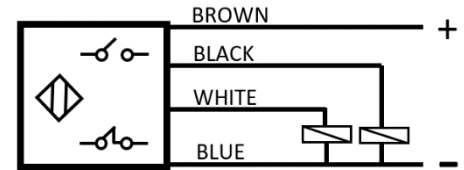
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



PNP 1NO+1NC



UNITECH

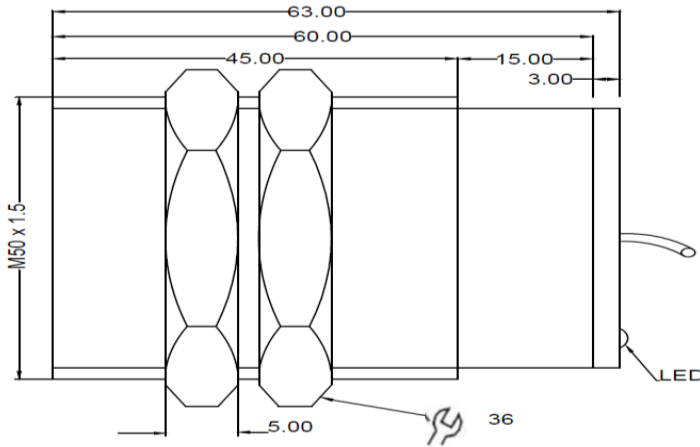
Cylindrical Inductive Sensor M 50



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

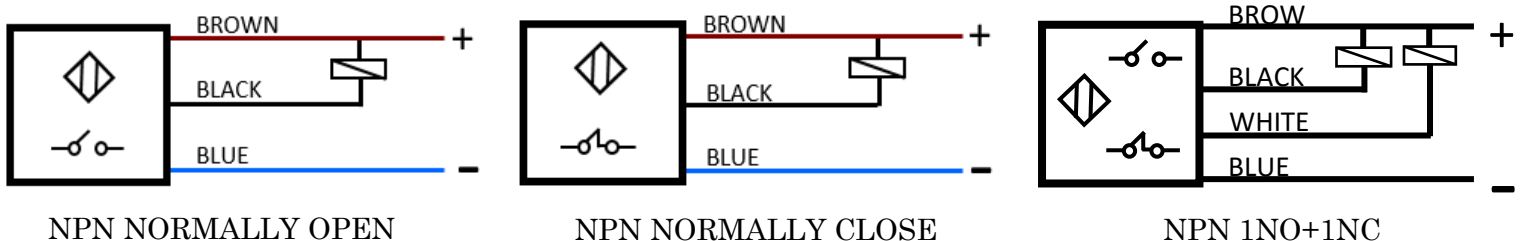
Special feature

- 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	M-50
Output type	3 - WIRE DC
Sensing Distance Sn	20 mm
Object (mm)	50x50x1
Type	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 Specifier	
Environmental Protection	IP67
Housing type	Threaded
Housing Material	Brass Nickel Plated
Wire (sq. mm)	3C x 0.20
Mounting	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI5020FPO/PC UTI5020FNO/NC

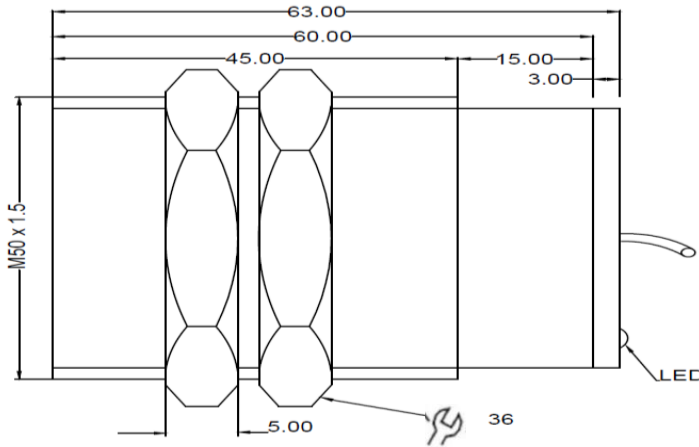
CONNECTIONS



CYLINDRICAL INDUCTIVE SENSORS



DIMENSIONS



APPLICATIONS

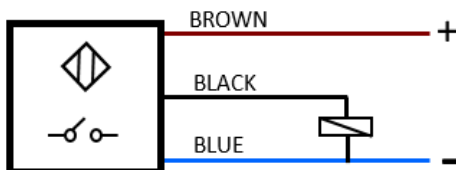
Special feature

- 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

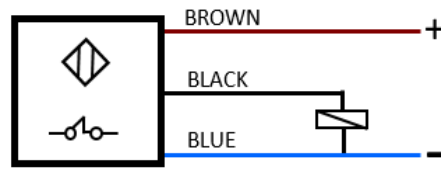
TECHNICAL SPECIFICATION

General Specification	
Size	M-50
Output type	3 - WIRE DC
Sensing Distance Sn	20 mm
Object (mm)	50x50x1
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
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	Flush Mountable
Display/Indicator	
Display	Switching status LED, Red
Catalogue	
	UTI5020FPO/PC
	UTI5020FN0/NC

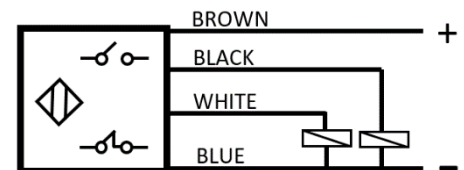
CONNECTIONS



PNP NORMALLY OPEN

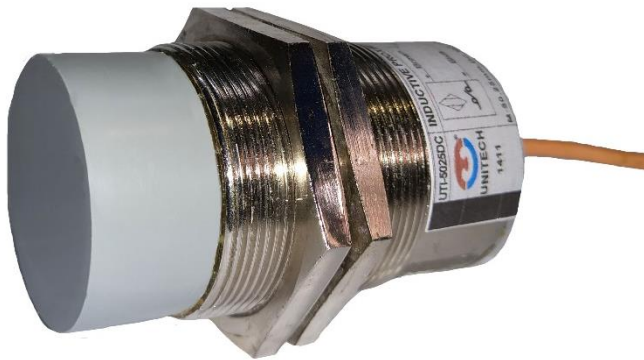


PNP NORMALLY CLOSE

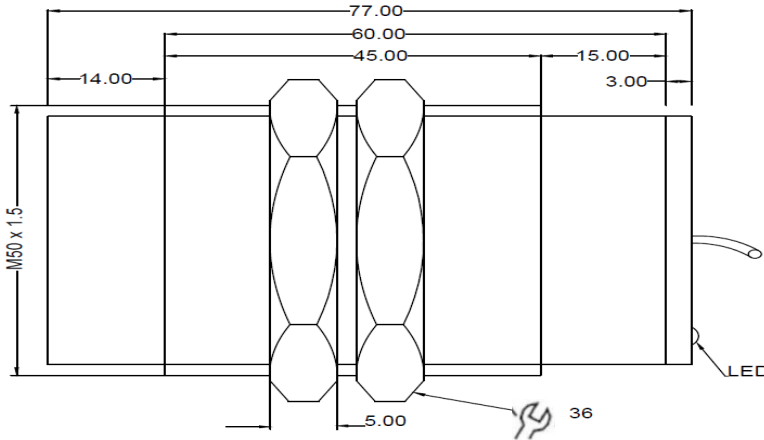


PNP 1NO+1NC

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	M-50
Output type	3 - WIRE DC
Sensing Distance Sn	25 mm
Object (mm)	50x50x1
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

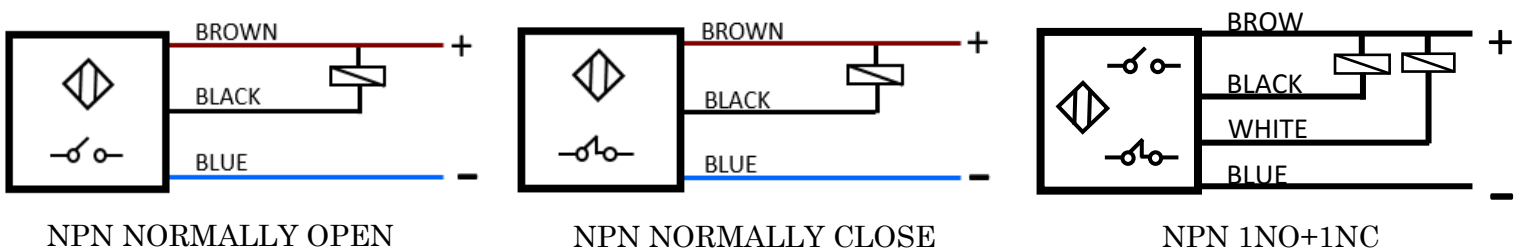
Display/Indicator

Display	Switching status LED, Red
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Catalogue

UTI5025NFPO/PC
UTI5025NFNO/NC

CONNECTIONS



CYLINDRICAL INDUCTIVE SENSORS



TECHNICAL SPECIFICATION

General Specification

Size	M-50
Output type	3 - WIRE DC
Sensing Distance Sn	25 mm
Object (mm)	50x50x1
Type	Non 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
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

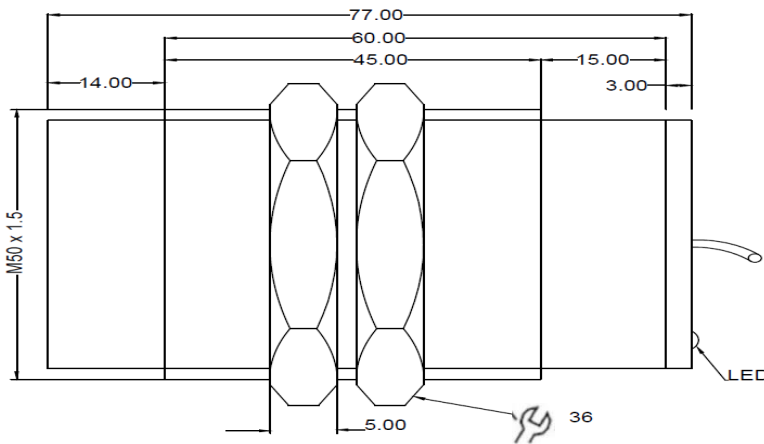
Display/Indicator

Display	Switching status LED, Red
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Catalogue

UTI5025NFPO/PC
UTI5025NFNO/NC

DIMENSIONS

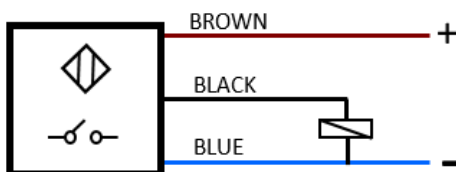


APPLICATIONS

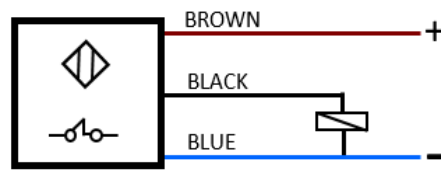
Special feature

- 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

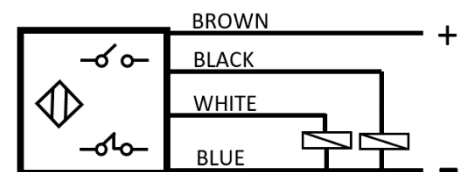
CONNECTIONS



PNP NORMALLY OPEN



PNP NORMALLY CLOSE



PNP 1NO+1NC