

# Mini-cylindrical

## Pre-wired



Appearance

Mounting	Shielded	
Size	φ 3	φ 4
Sensing distance	0.6mm/0.8mm/1.0mm ± 10%	0.8mm/1.0mm/1.2mm/1.5mm ± 10%
Housing material	Stainless steel	
Operating voltage	10~30V DC(Ripple < 10%)	
Voltage drop	< 1.5V	
Load Current, Max	100mA	150mA
Current consumption	< 10mA	
Leakage current	< 0.01mA	
Switch frequency	2KHz	
Repeat accuracy	< 1.0% (Sr)	
Hysteresis	< 15% (Sr)	
Sensing surface material	PA66	
Operating Temperature	-25°C~+75°C	
Degree of protection	IP67	
Model No.	NPN Normally open	TXF03-0.6N□/TXF03-0.8N□/TXF03-01N□
	Others	N□:NPN Normally open    N□:NPN Normally closed    P□: PNP Normally open    P□: PNP Normally closed
Model No.	NPN Normally open	TXF04-0.8N□/TXF04-01N□/TXF04-1.2N□ /TXF04-1.5N□
	Others	N□:NPN Normally open    N□:NPN Normally closed    P□: PNP Normally open    P□: PNP Normally closed



Appearance

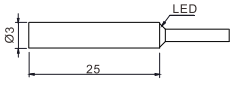
Mounting	Shielded	
Size	M4	M5
Sensing distance	0.6mm/0.8mm/1.0mm ± 10%	0.8mm/1.0mm/1.2mm/1.5mm ± 10%
Housing material	Stainless steel	
Operating voltage	10~30V DC(Ripple < 10%)	
Voltage drop	< 1.5V	
Load Current,Max	100mA	150mA
Current consumption	< 10mA	
Leakage current	< 0.01mA	
Switch frequency	2KHz	
Repeat accuracy	< 5.0% (Sr)	
Hysteresis	< 15% (Sr)	
Sensing surface material	PA66	
Operating Temperature	-25°C~+75°C	
Degree of protection	IP67	
Model No.	NPN Normally open	TXFM4-0.6N□ / TXFM4-0.8N□ / TXFM4-01N□
	Others	N□:NPN Normally open    N□:NPN Normally closed    P□: PNP Normally open    P□: PNP Normally closed
Model No.	NPN Normally open	TXF05-0.8N□ / TXF05-01N□/ TXF05-1.2N□ / TXF05-1.5N□
	Others	N□:NPN Normally open    N□:NPN Normally closed    P□: PNP Normally open    P□: PNP Normally closed

- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity**
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Code Readers
- Vibration
- Temperature
- Accessories

- Inductive sensors**
- Standard distance
- Extended distance
- Long distance
- Square
- Mini square
- Mini-cylindrical**
- Short-body
- Ring-type
- Metal face
- Temperature
- IP69K high protection
- Analog output
- DC 2 wires
- Capacitive sensors**
- Cylindrical
- Correction resistanc type
- Flat type
- Level detection

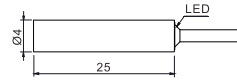
φ3

TXF03-0.6/0.8/01 □□



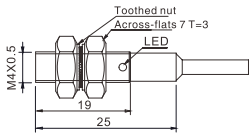
φ4

TXF04-0.8/01/1.2/1.5 □□



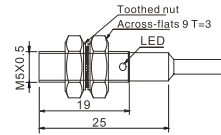
M4

TXFM4-0.6/0.8/01 □□



M5

TXF05-0.8/01/1.2/1.5 □□



Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Code Readers

Vibration

Temperature

Accessories

Guidance

Inductive sensors

Standard distance

Extended distance

Long distance

Square

Mini square

Mini-cylindrical

Short-body

Ring-type

Metal face

Temperature

IP69K high protection

Analog output

DC 2 wires

Capacitive sensors

Cylindrical

Correction

resistance type

Flat type

Level detection