

# Mini-cylindrical

## Pre-wired

Proximity



Appearance		
Mounting	Shielded	
Housing size	φ3	φ4
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: TXF03-0.6[NO] / TXF03-0.8[NO] / TXF03-0.1[NO]   TXF04-0.8[NO] / TXF04-0.1[NO] / TXF04-1.2[NO] / TXF04-1.5[NO] Others: [NO]:NPN Normally open [NC]:NPN Normally closed [PO]:PNP Normally open [PC]:PNP Normally closed	

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

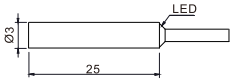


Appearance		
Mounting	Shielded	
Housing size	M4	M5
Sensing distance	0.6mm/0.8mm/1.0mm ± 10%	0.8mm/1.0mm/1.2mm/1.5mm ± 10%
Housing material	Stainless steel	
Operating voltage	10~30V DC(Ripple < 10%)	
Voltage drop	< 1.5V	
Load Current,Max	100mA	
Current consumption	< 10mA	
Leakage current	< 0.01mA	
Switch 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: TFXM4-0.6[NO] / TFXM4-0.8[NO] / TFXM4-0.1[NO]   TFXF05-0.8[NO] / TFXF05-0.1[NO] / TFXF05-1.2[NO] / TFXF05-1.5[NO] Others: [NO]:NPN Normally open [NC]:NPN Normally closed [PO]:PNP Normally open [PC]:PNP Normally closed	

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

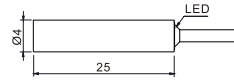
φ 3

TXF03-0.6/0.8/01□□



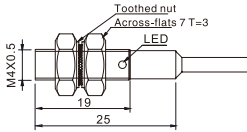
φ 4

TXF04-0.8/01/1.2/1.5□□



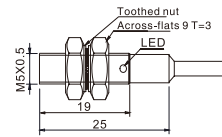
M4

TXFM4-0.6/0.8/01□□



M5

TXF05-0.8/01/1.2/1.5□□



Fiber Optic

Slot Sensors

Photoelectric

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Guidance

Inductive sensors

Standard distance

Extended distance

Long distance

Square

Mini square

Mini-cylindrical

Short-body

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Metal face

Temperature

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Level detection