

# Mini-cylindrical

## Pre-wired

Proximity



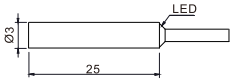
Appearance		
Mounting	Shielded	
Housing size	φ3	φ4
Sensing distance	0.6mm/0.8mm/1.0mm ± 10%	0.8mm/1.0mm/1.2mm/1.5mm ± 10%
Housing material	Stainless steel	
Operating voltage	10~30V DC(Ripple < 10%)	
Voltage drop	< 1.5V	
Load Current, Max	100mA	150mA
Current consumption	< 10mA	
Leakage current	< 0.01mA	
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    TXF03-0.6NO / TXF03-0.8NO / TXF03-0.1NO         TXF04-0.8NO / TXF04-0.1NO / TXF04-1.2NO / TXF04-1.5NO Others    NO:NPN Normally open    NC:NPN Normally closed    PO:PNP Normally open    PC:PNP Normally closed	



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    TFM4-0.6NO / TFM4-0.8NO / TFM4-0.1NO         TXF05-0.8NO / TXF05-0.1NO / XF05-1.2NO / TXF05-1.5NO Others    NO:NPN Normally open    NC:NPN Normally closed    PO:PNP Normally open    PC:PNP Normally closed	

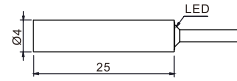
φ 3

TXF03-0.6/0.8/01□□



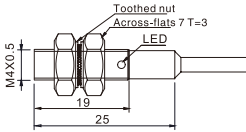
φ 4

TXF04-0.8/01/1.2/1.5□□



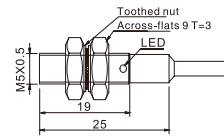
M4

TXFM4-0.6/0.8/01□□



M5

TXF05-0.8/01/1.2/1.5□□



Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Vibration

Temperature

Annexes

Guidance

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