

Metal Face

Pre-wired



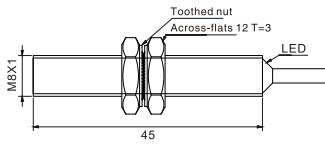
Appearance				
Mounting	Shielded			
Housing size	M8	M12	M18	M30
Sensing distance	1mm/2mm ± 10%	2mm/4mm ± 10%	5mm/8mm ± 10%	10mm/16mm ± 10%
Housing material	Stainless steel			
Operating voltage	10~30V DC(Ripple < 10%)			
Voltage drop	< 1.5V			
Load Current, Max	150mA			
Current consumption	< 10mA			
Leakage current	< 0.01mA			
Switch frequency	2KHz/1KHz		1KHz/500Hz	300Hz/150Hz
Repeat accuracy	< 1.0%(Sr)			
Hysteresis	< 15%(Sr)			
Sensing surface material	Stainless steel			
Operating Temperature	-25℃~+75℃			
Protective circuit	Short circuit			
Degree of protection	IP67			
Model No.	NPN Normally open	TMF08-01NO/TMF08-02NO	TMF12-02NO/TMF12-04NO	TMF18-05NO/TMF18-08NO
	Others	NO:NPN Normally open	NC:NPN Normally closed	PI:PNP Normally open PIC:PNP Normally closed
TMF30-10NO/TMF30-16NO				



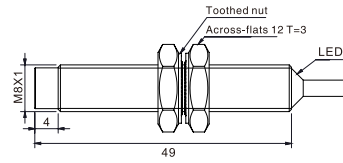
Appearance				
Mounting	Unshielded			
Housing size	M8	M12	M18	M30
Sensing distance	2mm/3mm ± 10%	4mm/8mm ± 10%	8mm/16mm ± 10%	15mm/25mm ± 10%
Housing material	Stainless steel			
Operating voltage	10~30V DC(Ripple < 10%)			
Voltage drop	< 1.5V			
Load Current, Max	150mA			
Current consumption	< 10mA			
Leakage current	< 0.01mA			
Switch frequency	2KHz/1KHz	1KHz/500Hz	500Hz/150Hz	150Hz/100Hz
Repeat accuracy	< 1.0%(Sr)			
Hysteresis	< 15%(Sr)			
Sensing surface material	Stainless steel			
Operating Temperature	-25℃~+75℃			
Protective circuit	Short circuit			
Degree of protection	IP67			
Model No.	NPN Normally open	TMN08-02NO/TMN08-03NO	TMN12-04NO/TMN12-08NO	TMN18-08NO/TMN18-16NO
	Others	NO:NPN Normally open	NC:NPN Normally closed	PI:PNP Normally open PIC:PNP Normally closed
TMN30-15NO/TMN30-25NO				

M8

TMF08-01/02□□

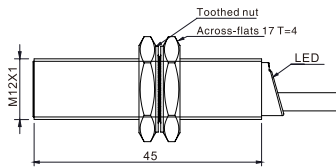


TMN08-02/03□□

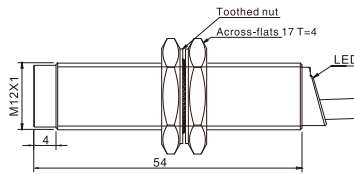


M12

TMF12-02/04□□

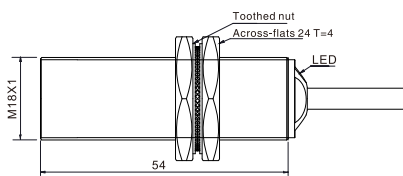


TMN12-04/08□□

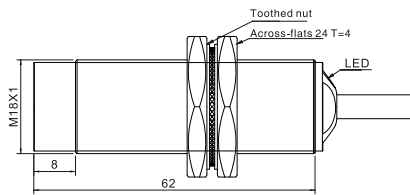


M18

TMF18-05/08□□

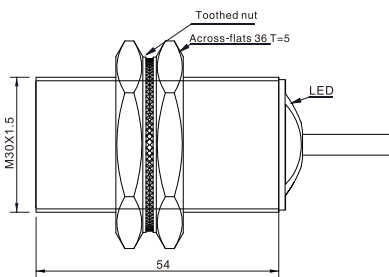


TMN18-08/16□□

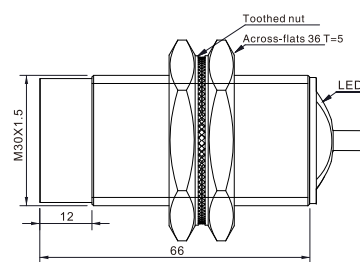


M30

TMF30-10/16□□



TMN30-15/25□□



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
resistance type
Flat type
Level detection