

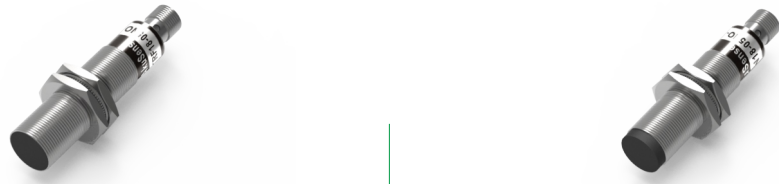
Long Distance

Pre-wired



Appearance											
Mounting	Shielded		Shielded			Unshielded		Unshielded			
Housing size	φ 6.5	M8	M12	M18	M30	φ 6.5	M8	M12	M18	M30	
Sensing distance	3mm ± 10%	3mm ± 10%	6mm ± 10%	12mm ± 10%	22mm ± 10%	6mm ± 10%	6mm ± 10%	10mm ± 10%	20mm ± 10%	40mm ± 10%	
Housing material	Stainless steel		Nickel copper alloy			Stainless steel		Nickel copper alloy			
Operating voltage	10~30V DC(Ripple < 10%)										
Voltage drop	< 1.5V										
Load Current, Max	150mA										
Current consumption	< 10mA										
Leakage current	< 0.01mA										
Switch frequency	1KHz	800Hz	300Hz	150Hz	500Hz	400Hz	100Hz				
Repeat accuracy	< 5.0% (Sr)										
Hysteresis	< 15% (Sr)										
Sensing surface material	PBT										
Operating Temperature	-25°C~+75°C										
Protective circuit	Short circuit										
Degree of protection	IP67										
Model No.	NPN Normally open	TYF6.5-03N□	TYF08-03N□	TYF12-06N□	TYF18-12N□	TYF30-22N□	TYN6.5-06N□	TYN08-06N□	TYN12-10N□	TYN18-20N□	TYN30-40N□
	Others	N□:NPN Normally open N□:NPN Normally closed P□:PNP Normally open P□:PNP Normally closed									

Connector Type



Appearance									
Mounting	Shielded				Unshielded				
Housing size	M8	M12	M18	M30	M8	M12	M18	M30	
Sensing distance	3mm ± 10%	6mm ± 10%	12mm ± 10%	22mm ± 10%	6mm ± 10%	10mm ± 10%	20mm ± 10%	40mm ± 10%	
Housing material	Stainless steel	Nickel copper alloy			Stainless steel	Nickel copper alloy			
Operating voltage	10~30V DC(Ripple < 10%)								
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Load Current , Max	150mA								
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Switch frequency	1KHz	800Hz	300Hz	150Hz	500Hz	400Hz	100Hz		
Repeat accuracy	< 5.0% (Sr)								
Hysteresis	< 15% (Sr)								
Sensing surface material	PBT								
Operating Temperature	-25°C~+75°C								
Protective circuit	Short circuit								
Degree of protection	IP67								
Model No.	NPN Normally open	TYF08-03N□-E1	TYF12-06N□-E2	TYF18-12N□-E2	TYF30-22N□-E2	TYN08-06N□-E1	TYN12-10N□-E2	TYN18-20N□-E2	TYN30-40N□-E2
	Others	N□:NPN Normally open N□:NPN Normally closed P□:PNP Normally open P□:PNP Normally closed							

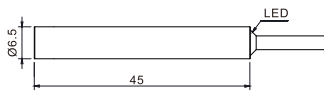
- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity**
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Vibration
- Temperature
- Annexes

Guidance

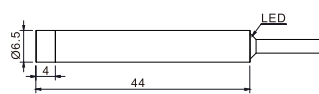
- Inductive sensors
- Standard distance
- Extended distance
- Long distance**
- Square
- Mini square
- Mini-cylindrical
- Short-body
- Ring-type
- Metal face
- Temperature
- Analog output
- DC 2 wires
- IP69K high protection
- Capacitive sensors
- Cylindrical
- Correction resistanc type
- Flat type
-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

φ6.5

TYF6.5-03□□

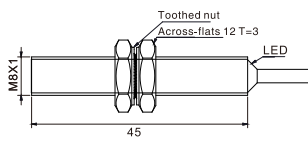


TYN6.5-06□□

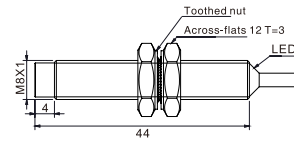


M8

TYF08-03□□

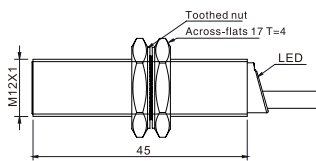


TYN08-06□□

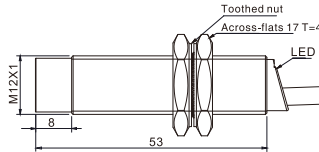


M12

TYF12-06□□

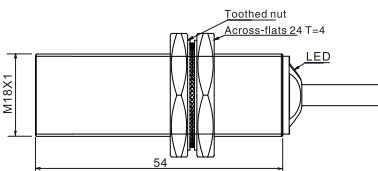


TYN12-10□□

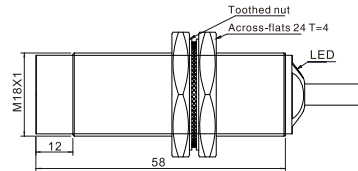


M18

TYF18-12□□

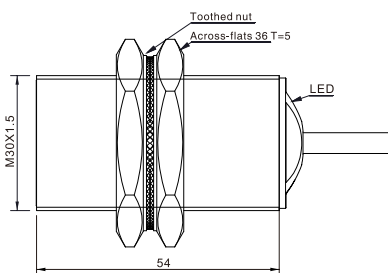


TYN18-20□□

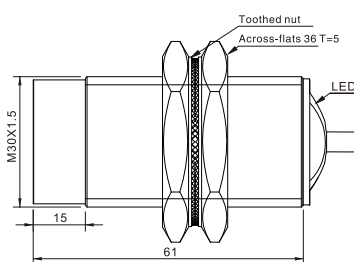


M30

TYF30-22□□



TYN30-40□□



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

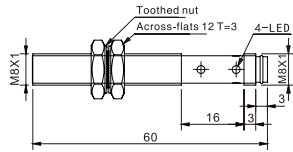
Level detection

Long Distance

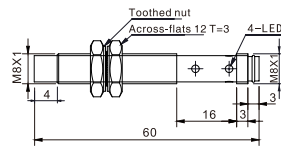
Dimensions-Connector Type (Unit:mm)

M8

TYF08-03□□-E1

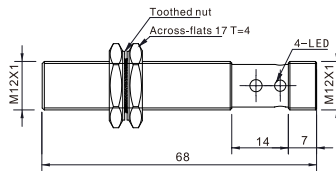


TYN08-06□□-E1

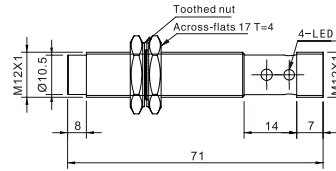


M12

TYF12-06□□-E2

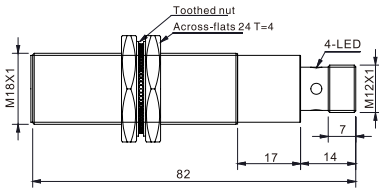


TYN12-10□□-E2

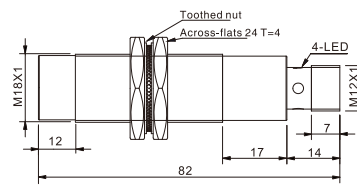


M18

TYF18-12□□-E2

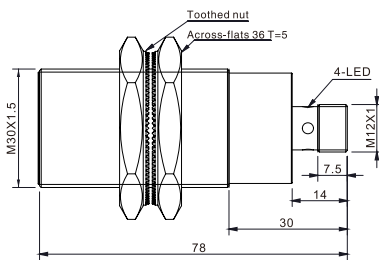


TYN18-20□□-E2

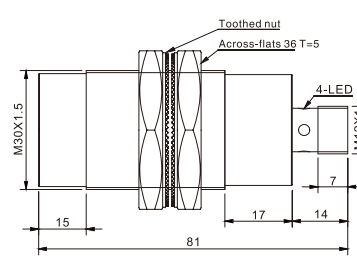


M30

TYF30-22□□-E2



TYN30-40□□-E2



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