

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°C~+75°C				
Protective circuit	Short circuit				
Degree of protection	IP67				
Model No.	NPN Normally open	TMF08-01[N/O]/TMF08-02[N/O]	TMF12-02[N/C]/TMF12-04[N/C]	TMF18-05[N/O]/TMF18-08[N/O]	TMF30-10[N/O]/TMF30-16[N/O]
	Others	[N/O]:NPN Normally open [N/C]:NPN Normally closed [P/O]:PNP Normally open [P/C]:PNP Normally closed			

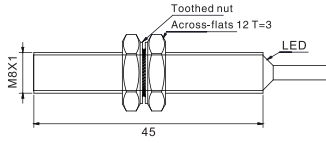


Appearance

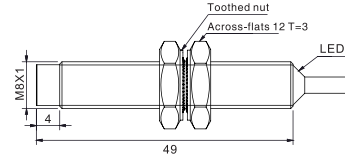
Mounting	Unshielded				
Housing size	M8	M12	M18	M30	
Sensing distance	2mm/3mm ± 10%	4mm/8mm ± 10%	8mm/16mm ± 10%	15mm/25mm ± 10%	
Housing material	Stainless steel				
Operating voltage	10~30V DC(Ripple < 10%)				
Voltage drop	< 1.5V				
Load Current, Max	150mA				
Current consumption	< 10mA				
Leakage 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°C~+75°C				
Protective circuit	Short circuit				
Degree of protection	IP67				
Model No.	NPN Normally open	TMN08-02[N/O]/TMN08-03[N/O]	TMN12-04[N/O]/TMN12-08[N/O]	TMN18-08[N/O]/TMN18-16[N/O]	TMN30-15[N/O]/TMN30-25[N/O]
	Others	[N/O]:NPN Normally open [N/C]:NPN Normally closed [P/O]:PNP Normally open [P/C]:PNP Normally closed			

M8

TMF08-01/02 □ □

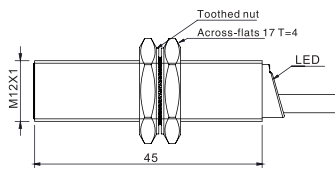


TMN08-02/03 □ □

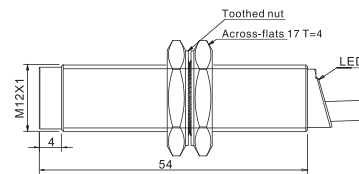


M12

TMF12-02/04 □ □

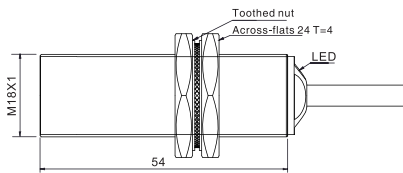


TMN12-04/08 □ □

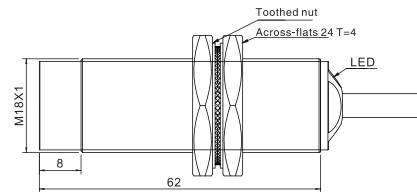


M18

TMF18-05/08 □ □

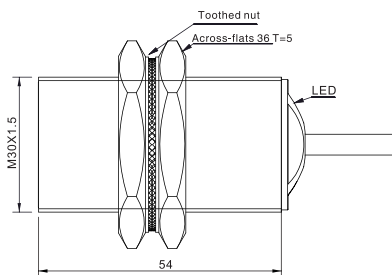


TMN18-08/16 □ □



M30

TMF30-10/16 □ □



TMN30-15/25 □ □

