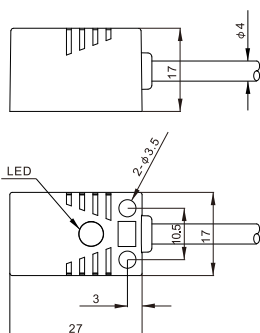


Appearance							
Mounting	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded	
Housing size	Q17		Q18		Q18C		
Sensing distance	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%	
Housing material	Plastic						
Operating voltage	10~30V DC						
Voltage drop	< 1.5V						
Load Current, Max	150mA						
Current consumption	< 10mA						
Leakage current	< 0.01mA						
Switch frequency	1KHz	300Hz	1KHz	300Hz	1KHz	300Hz	
Repeat accuracy	< 1.0%(Sr)						
Hysteresis	< 15%(Sr)						
Sensing surface material	ABS						
Operating Temperature	-25℃~+75℃						
Protective circuit	Short circuit						
Degree of protection	IP67						
Model No.	NPN Normally open	TQF17-05	TQN17-08	TQF18-05	TQN18-08	TQF18C-05	TQN18C-08
	Others	[NO]:NPN Normally open	[NC]:NPN Normally closed	[PO]:PNP Normally open	[PC]:PNP Normally closed		

Dimensions (Unit:mm)

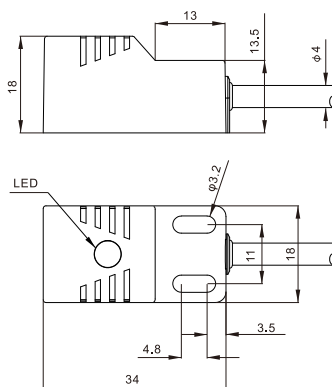
Q17

TQF17-05□□
TQN17-08□□



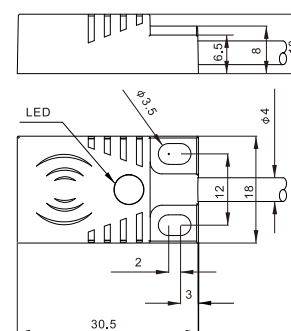
Q18

TQF18-05□□
TQN18-08□□



Q18C

TQF18C-05□□
TQN18C-08□□



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