



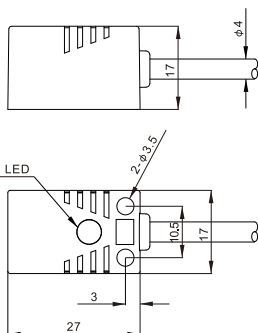
Appearance							
Mounting	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded	
Housing size	Q17		Q18		Q18C		
Sensing distance	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%	
Housing material	Plastic						
Operating voltage	10~30V DC						
Voltage drop	< 1.5V						
Load Current, 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°C~+75°C						
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	□□:NPN Normally open	□□:NPN Normally closed	□□:PNP Normally open	□□:PNP Normally closed		

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

Dimensions (Unit:mm)

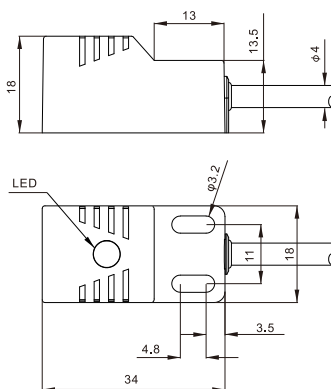
Q17

TQF17-05□□
TQN17-08□□



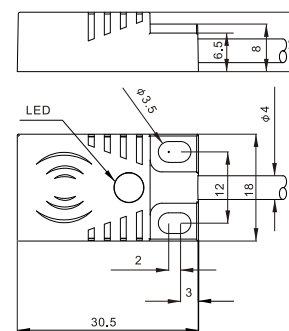
Q18

TQF18-05□□
TQN18-08□□



Q18C

TQF18C-05□□
TQN18C-08□□



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