



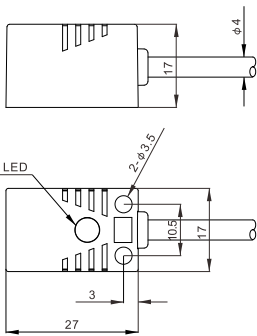
Mounting	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded
Size	Q17		Q18		Q18C	
Sensing distance	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%	5mm ± 10%	8mm ± 10%
Housing material	Plastic					
Operating voltage	10~30V DC					
Voltage drop	< 1.5V					
Load Current, Max	150mA					
Current consumption	< 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					
Circuit Protection	Short circuit					
Degree of protection	IP67					
Model No.	TQF17-05□□	TQN17-08□□	TQF18-05□□	TQN18-08□□	TQF18C-05□□	TQN18C-08□□
	NPN Normally open		NPN Normally closed		PNP Normally open	
	NPN Normally open		NPN Normally closed		PNP Normally closed	

- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- Vision
- Code Readers
- Vibration
- Temperature
- Accessories

Dimensions (Unit:mm)

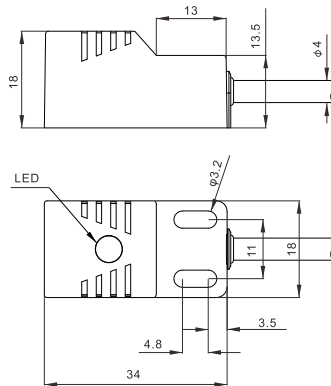
Q17

TQF17-05□□
TQN17-08□□



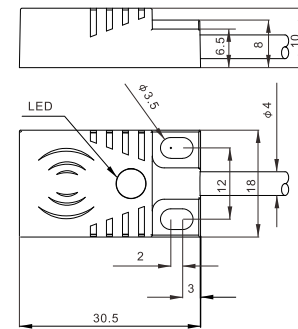
Q18

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
 - IP69K high protection
 - Analog output
 - DC 2 wires
- Capacitive sensors
 - Cylindrical
 - Correction resistanc type
 - Flat type
 - Level detection