EMOS GROUP

Square

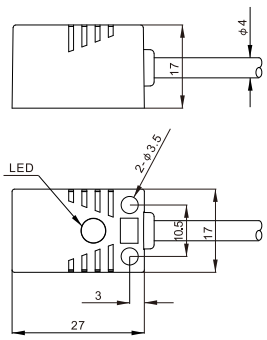
Pre-wired

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	TQF17-05NO	TQN17-08NO	TQF18-05NO HOT	TQN18-08NO	TQF18C-05NO	TQN18C-08NO
Model No. Others	NO:NPN Normally open NC:NPN Normally closed PO:PNP Normally open PC:PNP Normally closed					

Dimensions (Unit:mm)

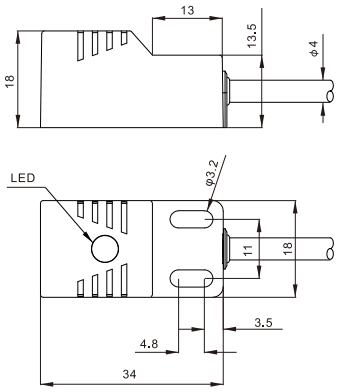
Q17

TQF17-05□□
TQN17-08□□



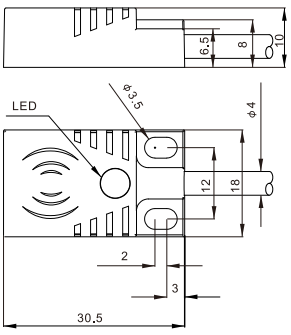
Q18

TQF18-05□□
TQN18-08□□



Q18C

TQF18C-05□□
TQN18C-08□□



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