Flat Type

CQ07 Series



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

Inductive sensors

Standard distance
Extended distance
Long distance
Square
Mini square
Mini-cylindrical
Short-body
Ring-type
Metal face
Temperature
P69K high protection
Analog output
DC 2 wires

Guidance

Capacitive sensors

Cylinderical

Correctsion
resistanct type

Flat type

Level detection

Appeara	ance		
Sensing distance		8mm adjustable	
Mouting	J	shield	
Output	Indicator	Red LED	
Repetition accuracy		≤1%S.R	
Hystere	esis	≤10%	
Switching frequency		35Hz	
Operat	Operating Voltage 10-30V		
Residu	al voltage	≤1.5V	
Curren	t consumption	umption ≤10mA	
Load c	oad current ≤150mA		
Leakag	eakage current <0.01mA		
Tempe	Temperature drift ≤20%		
Circuit	cuit protection Reverse polarity protection, surge protection, short circuit protection		
Insulat	sulation resistance ≥ 50MΩ		
Voltage	Voltage resistance AC500V 50/60Hz 1min Between the charging section as a whole and the housing		
Housing	Housing material PBT		
Protect	Protection level IP66		
Operat	Operating temperature -10 ~ 55 ℃		
Storage	torage temperature -20 ~ 75 °C		
Ambier	Ambient Humidity 35% ~ 85%		
Vibratio	n resistance	10–55Hz Dual Amplitude 1.5mm,2 hours each in XYZ direction	
Impact	resistance	10G, 3 times each in XYZ direction	
Connec	ction method	2M/3 core cable	
Confor	mity	EIC60947-5-2	
Mod	NPN normally open	CQ07-08NO	
Model NO.	Others	NO:NPN Normally open NC:NPN Normally closed PO:PNP Normally open PC:PNP Normally closed	

Dimensions (Unit:mm

