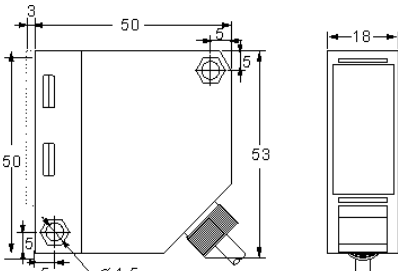
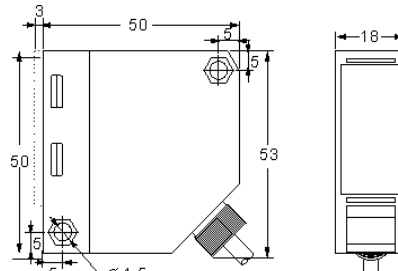
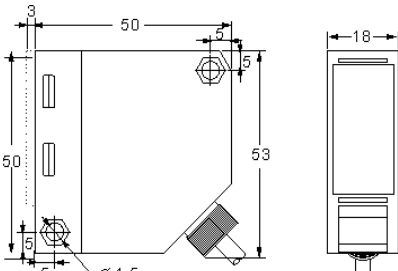
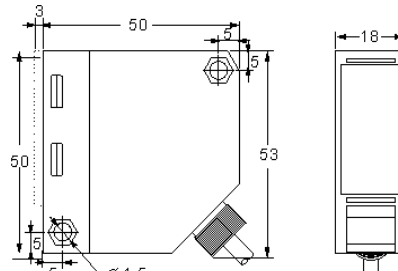


AC/DC PHOTOELECTRIC SENSOR (FP50)

Type		FP50		FP50	
Sensing Mode		Diffuse mode		Diffuse mode	
Sensing Picture					
Switching Distance (Sn)		200mm-1800mm		300mm-2000mm	
Picture					
Nominal Voltage		12-24VDC / 24-240VAC		12-24VDC / 24-240VAC	
Mains Frequency		50/60Hz		50/60Hz	
Tolerance		±10%Sn		±10%Sn	
Hysteresis		10%		10%	
Emission		Infrared(880nm)		Infrared(880nm)	
Output		Relay SPDT		Relay SPDT	
Max. Output Current		3A/30VDC, 1A/240VAC		3A/30VDC, 1A/240VAC	
Power Consumption		<2.5VA		<2.5VA	
Yellow LED		Output indicator		Output indicator	
Green LED		Supply indicator		Supply indicator	
Sensitivity Adjustment		Trimmer 1 turn		Trimmer 1 turn	
SWitching Frequency		10Hz		10Hz	
Response Time		20ms		20ms	
Start up Delay		<300ms		<300ms	
Temperature Limits		-10 ~ +60℃		-10 ~ +60℃	
Light Immunity		>10.000Lux		>10.000Lux	
Protection Degree		IP65		IP65	
Housing Material		PBT		PBT	
Sensing object		20x20cm white paper		20x20cm white paper	
Part Number	Through-beam mode (Emitter)				
	Through-beam mode (Receiver)				
	Diffuse mode	F3PD-Q501800UR-I5B2	C4	F3PD-Q502000UR-I5B2	C4
	Retro-reflective mode				
	Retro-reflective mode(with polarizing filters)				
Wiring Diagram					
Dimensions (unit: mm)					
Terminal Version		2M Cable (4x0.15mm ²)		2M Cable (4x0.15mm ²)	
Weight		Approx. 160g		Approx. 160g	

Subject to modifications without notice

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