





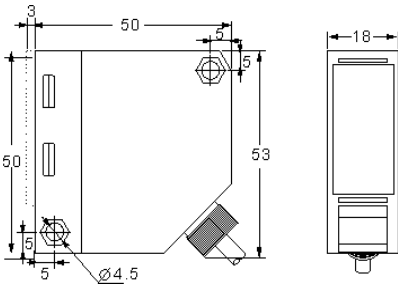
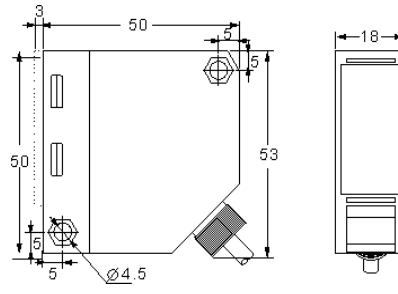


AC/DC PHOTOELECTRIC SENSOR (FP50)

Type	FP50		FP50		
Sensing Mode	Diffuse mode		Diffuse mode		
Sensing Picture					
Switching Distance (Sn)	100mm-400mm		200mm-1000mm		
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	10x10cm white paper		20x20cm white paper		
Part Number	Through-beam mode (Emitter)				
	Through-beam mode (Receiver)				
	Diffuse mode	F3PD-Q500400UR-I5B2	C4	F3PD-Q501000UR-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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