





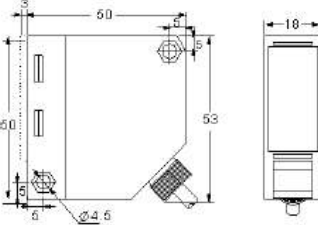
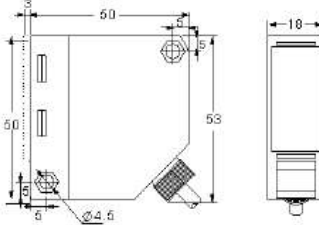






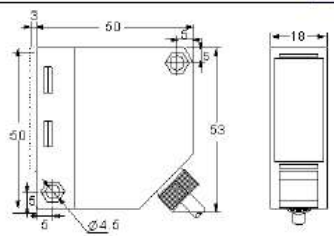
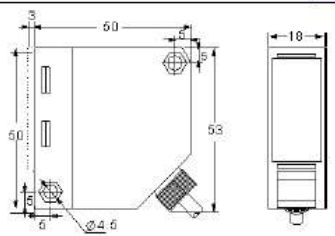








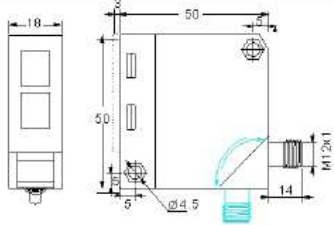
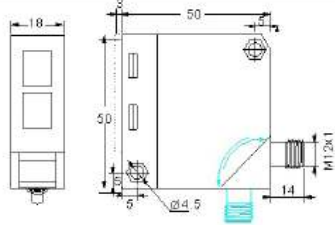
AC/DC PHOTOELECTRIC SENSOR (FP50)

Type	FP50	FP50
Sensing Mode	Diffuse mode	Diffuse mode
Sensing Picture		
Switching Distance (Sn)	100mm-400mm	200mm-1000mm
Picture	 CE	 CE
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 tum	Trimmer 1 tum
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	
	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









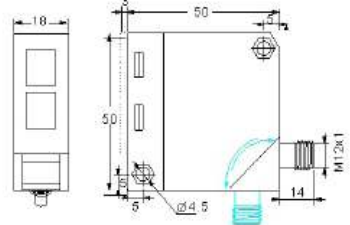
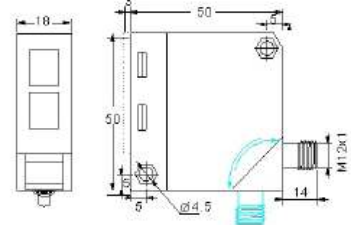
AC/DC PHOTOELECTRIC SENSOR (FP50)

Type	FP50	FP50
Sensing Mode	Diffuse mode	Diffuse mode
Sensing Picture		
Switching Distance (Sn)	200mm-1800mm	300mm-2000mm
Picture	 CE	 CE
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 tum	Trimmer 1 tum
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 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

AC/DC PHOTOELECTRIC SENSOR (FP50)

Type	FP50	FP50
Sensing Mode	Diffuse mode	Diffuse mode
Sensing Picture		
Switching Distance (Sn)	100mm-400mm	200mm-1000mm
Picture	 CE	 CE
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 tum	Trimmer 1 tum
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	
	Retro-reflective mode	
	Retro-reflective mode(with polarizing filters)	
Wiring Diagram		
Dimensions (unit: mm)		
Terminal Version	M12 Euro-style	M12 Euro-style
Weight	Approx. 35g	Approx. 35g

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 tum	Trimmer 1 tum
SWitching Frequency	10Hz	10Hz
Response Time	20ms	20ms
Start up Delay	<300ms	<300ms
Temperature Limits	-10 ~ +60°C	-10 ~ +60°C
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	
	Retro-reflective mode	
	Retro-reflective mode(with polarizing filters)	
Wiring Diagram		
Dimensions (unit: mm)		
Terminal Version	M12 Euro-style	M12 Euro-style
Weight	Approx. 35g	Approx. 35g