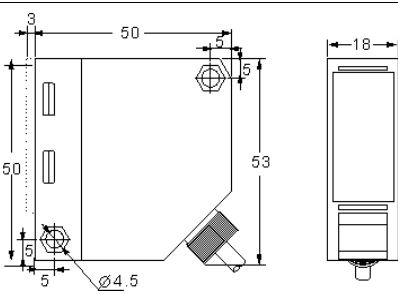
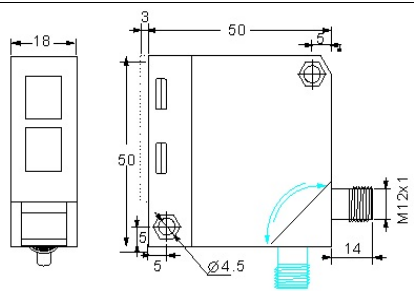


DC PHOTOELECTRIC SENSOR (FP50)

Type		FP50		FP50	
Sensing Mode		Retro-reflective mode		Retro-reflective mode	
Sensing Picture		 With polarizing Filters		 With polarizing Filters	
Switching Distance (Sn)		6M		6M	
Picture		 CE		 CE	
Nominal Voltage		10-30VDC		10-30VDC	
Residual Ripple		<10%		<10%	
Tolerance		±10%Sn		±10%Sn	
Hysteresis		10%		10%	
Emission		Red(66nm)		Red(66nm)	
Output		NPN or PNP (Programmable)		NPN or PNP (Programmable)	
Contact		N.O or N.C. (Programmable)		N.O or N.C. (Programmable)	
Max. Output Current		200mA		200mA	
Absorption at 30VDC		<40mA		<40mA	
Voltage Drop(Sensor On)		<2.0V (I=100mA)		<2.0V (I=100mA)	
Yellow LED		Output indicator		Output indicator	
Green LED		Supply indicator		Supply indicator	
Sensitivity Adjustment		Trimmer 1 turn		Trimmer 1 turn	
SWitching Frequency		200Hz		200Hz	
Response Time		5mS		5mS	
Start up Delay		<100ms		<100ms	
Short Circuit Protection		Yes		Yes	
Reverse Polarity Pretction		Yes		Yes	
Temperature Limits		-10 ~ +60℃		-10 ~ +60℃	
Light Immunity		>10.000Lux		>10.000Lux	
Protection Degree		IP65		IP65	
Housing Material		PBT		PBT	
Sensing object		D83 Reflector		D83 Reflector	
Part Number	Through-beam mode (Emitter)				
	Through-beam mode (Receiver)				
	Diffuse mode				
	Retro-reflective mode				
	Retro-reflective mode(with polarizing filters)	F1PL-Q506000DS-R4A2/F	C1	F1PL-Q506000DS-REA4/F	C1
Wiring Diagram					
Dimensions (unit: mm)					
Terminal Version		2M Cable (4x0.15mm ²)		M12 Euro-style	
Weight		Approx. 160g		Approx. 35g	

Subject to modifications without notice

Tel: +86-755-2646 7962

Fax: +86-755-2646 7925

MSN: dfan852@hotmail.com

Web: www.mountiger.com

E-mail: sales@mountiger.com

QQ: 873764592

Mountiger
Sensing the future