





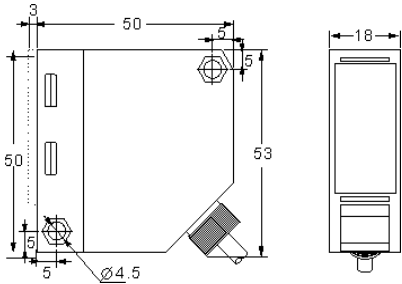
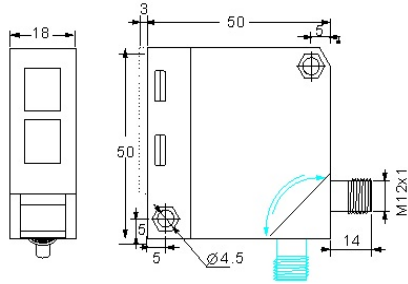


DC PHOTOELECTRIC SENSOR (FP50)

Type		FP50		FP50
Sensing Mode		Retro-reflective mode		Retro-reflective mode
Sensing Picture				
Switching Distance (Sn)		10M		10M
Picture				
Nominal Voltage		10-30VDC		10-30VDC
Residual Ripple		<10%		<10%
Tolerance		±10%Sn		±10%Sn
Hysteresis		10%		10%
Emission		Infrared(880nm)		Infrared(880nm)
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 tum		Trimmer 1 tum
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	F1PL-Q50010MDS-I4A2	C1	F1PL-Q50010MDS-IEA4
	Retro-reflective mode(with polarizing filters)			
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


Sensing the future