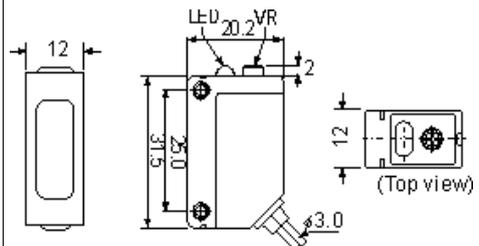
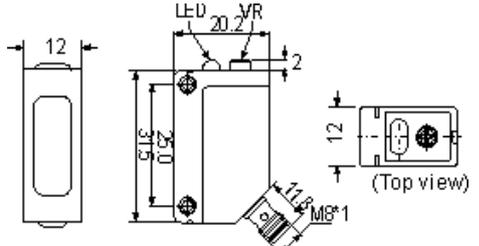


DC PHOTOELECTRIC SENSOR (FP31)

Type	FP31		FP31		
Sensing Mode	Retro-reflective modde		Retro-reflective modde		
Sensing Picture	 With Polarizing Filters		 With Polarizing Filters		
Switching Distance (Sn)	0.1~2M		0.1~2M		
Picture	 CE		 CE		
Nominal Voltage	10-30VDC		10-30VDC		
Residual Ripple	<10%		<10%		
Tolerance	±10%Sn		±10%Sn		
Hysteresis	10%		10%		
Emission	Red(660nm)		Red(660nm)		
Output	NPN N.O+N.C. or PNP N.O+N.C.		NPN N.O+N.C. or PNP N.O+N.C.		
Max. Output Current	100mA		100mA		
Absorption at 30VDC	<35mA		<35mA		
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	500Hz		500Hz		
Response Time	1mS		1mS		
Start up Delay	<300ms		<300ms		
Short Circuit Protection	Yes		Yes		
Reverse Polarity Pretction	Yes		Yes		
Temperature Limits	-25 ~ +55℃		-25 ~ +55℃		
Light Immunity	>5.000Lux		>5.000Lux		
Protection Degree	IP67		IP67		
Housing Material	ABS		ABS		
Sensing object	D51 Reflector		D51 Reflector		
Part Number	Emitter				
	Receiver(PNP N. O.&N.C.)				
	Receiver(NPN N. O.&N.C.)				
	PNP N. O.&N.C.	F1PL-Q312000PS-R4A2/F	B1	F1PL-Q312000PS-RPA4/F	B4
	NPN N. O.&N.C.	F1PL-Q312000NS-R4A2/F	B1	F1PL-Q312000NS-RPA4/F	B4
Wiring Diagram					
Dimensions (unit: mm)					
Terminal Version	2M Cable (4x0.15mm2)		M8 Pico style		
Weight	Approx. 42g		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