



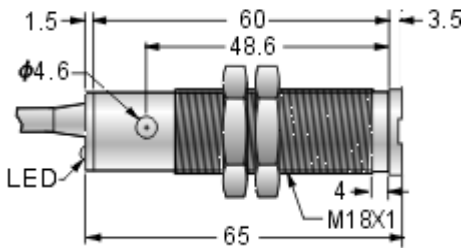
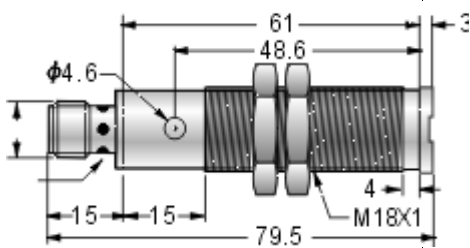


# DC WITH N.O.+N.C. PROGRAMME OUTPUT PHOTOELECTRIC SENSOR (FM18A)

Type		FM18A		FM18A	
Sensing Mode		Retro-reflective mode		Retro-reflective mode	
Sensing Picture		 With Polarizing Filters		 With Polarizing Filters	
Switching Distance (Sn)		1M		1M	
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 or PNP(Programable)		NPN or PNP(Programable)	
Contact		N.O. & N.C.(Programable)		N.O. & N.C.(Programable)	
Max. Output Current		200mA		200mA	
No Load Current		30mA or less		30mA or less	
Voltage Drop(Sensor On)		<2.5V		<2.5V	
Sensitivity Adjustment		Trimmer 1 tum		Trimmer 1 tum	
Response Time		1mS		1mS	
Short Circuit Protection		Yes		Yes	
Electric Protections		Yes		Yes	
Temperature Limits		-25 ~ +55℃		-25 ~ +55℃	
Ambient Humidity		35 to 85% RH		35 to 85% RH	
Light Immunity		>10.000Lux		>10.000Lux	
Protection Degree		IP67		IP67	
Housing Material		PBT Plastic or Nickel Plated Brass		PBT Plastic or Nickel Plated Brass	
Sensing object		D51 Reflector		D51 Reflector	
Brass Housing	Emitter				
	NPN N.O. + N.C.	F1BL-M181000NS-R4A2/F-A	A24	F1BL-M181000NS-REA4/F-A	A25
	PNP N.O. & N.C.	F1BL-M181000PS-R4A2/F-A	A26	F1BL-M181000PS-REA4/F-A	A27
Plastic Housing	Emitter				
	NPN N.O. + N.C.	F1PL-M181000NS-R4A2/F-A	A24	F1PL-M181000NS-REA4/F-A	A25
	PNP N.O. & N.C.	F1PL-M181000PS-R4A2/F-A	A26	F1PL-M181000PS-REA4/F-A	A27
Wiring Diagram		↑		↑	
Dimensions (unit: mm)					
Terminal Version		2M PVC (3x0.15mm2)		M12 Euro Style	
Weight		Approx.112g		Approx. 75g	

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