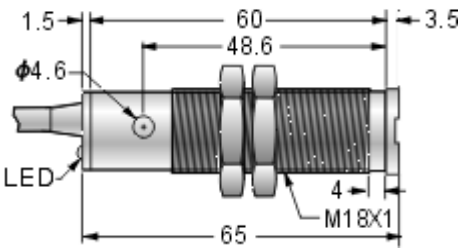
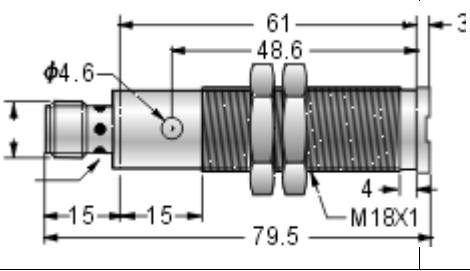


DC WITH MULTIFUNCTIONAL OUTPUT PHOTOELECTRIC SENSOR (FM18B)

Type		FM18B		FM18B	
Sensing Mode		Diffuse mode		Diffuse mode	
Sensing Picture					
Switching Distance (Sn)		150mm		150mm	
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(Programable)		NPN or PNP(Programable)	
Contact		N.O. or N.C.(Programable)		N.O. or 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 turn		Trimmer 1 turn	
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		10x10cm white paper		10x10cm white paper	
Brass Housing	Emitter				
	NPN or PNP, N.O. or N.C.	F1BD-M180150DS-I4A2-B	A32	F1BD-M180150DS-IEA4-B	A31
Plastic Housing	Emitter				
	NPN or PNP, N.O. or N.C.	F1PD-M180150DS-I4A2-B	A32	F1PD-M180150DS-IEA4-B	A31
Wiring Diagram					
Dimensions (unit: mm)					
Terminal Version		2M PVC (3x0.15mm2)		M12 Euro Style	
Weight		Approx.112g		Approx. 75g	

Subject to modifications without notice

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