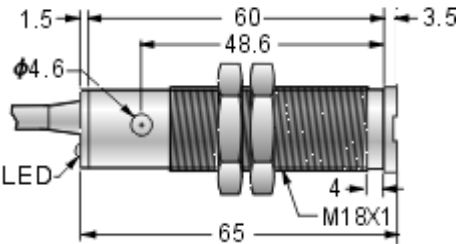
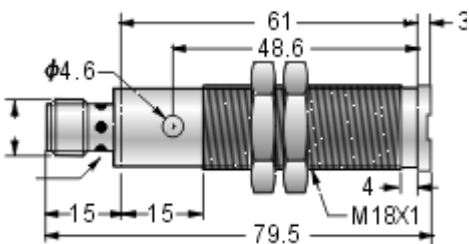


DC WITH MULTIFUNCTIONAL OUTPUT PHOTOELECTRIC SENSOR (FM18B)

Type	FM18B		FM18B	
Sensing Mode	Retro-reflective mode		Retro-reflective mode	
Sensing Picture				
Switching Distance (Sn)	3M		3M	
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	D51 Reflector		D51 Reflector	
Brass Housing	Emitter			
	NPN or PNP, N.O. or N.C.	F1BL-M183000NDS-I4A2-B	A32	F1BL-M183000DS-IEA4-B
				A31
Plastic Housing	Emitter			
	NPN or PNP, N.O. or N.C.	F1PL-M183000DS-I4A2-B	A32	F1PL-M183000DS-IEA4-B
				A31
Wiring Diagram				
Dimensions (unit: mm)				
Terminal Version	2M PVC (3x0.15mm ²)		M12 Euro Style	
Weight	Approx.112g		Approx. 75g	

Subject to modifications without notice

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