


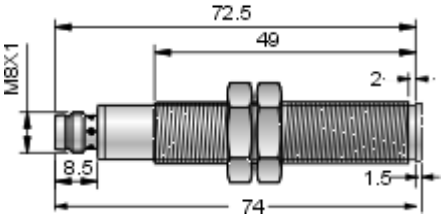


DC PHOTOELECTRIC SENSOR (FM12)

Type	FM12		
Sensing Mode	Retro-reflective mode		
Sensing Picture	 (With Polarizing Filters)		
Switching Distance (Sn)	500mm		
Picture			
Nominal Voltage	10-30VDC		
Residual Ripple	<10%		
Tolerance	±10%Sn		
Hysteresis	10%		
Emission	Red(660nm)		
Output	NPN or PNP		
Contact	Light ON or Dark ON		
Max. Output Current	150mA		
No Load Current	30mA or less		
Voltage Drop(Sensor On)	<2.5V		
Sensitivity Adjustment	-		
Response Time	1mS		
Short Circuit Protection	Yes		
Electric Protections	Yes		
Temperature Limits	-25 ~ +55℃		
Ambient Humidity	35 to 85% RH		
Light Immunity	>10.000Lux		
Protection Degree	IP67		
Housing Material	PBT Plastic or Nickel Plated Brass		
Sensing object	D51 Reflector		
Brass Housing			
	NPN N. O.+N. C.	F1BL-M120500NS-RPA4/F	A16
	PNP N. O.+N. C.	F1BL-M120500PS-RPA4/F	A16
Plastic Housing			
	NPN N. O.+N. C.	F1PL-M120500NS-RPA4/F	A16
	PNP N. O.+N. C.	F1PL-M120500PS-RPA4/F	A16
Wiring Diagram			
Dimensions (unit: mm)			
Terminal Version	M8 Pico-style		
Weight	Approx. 40g		

Subject to modifications without notice

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