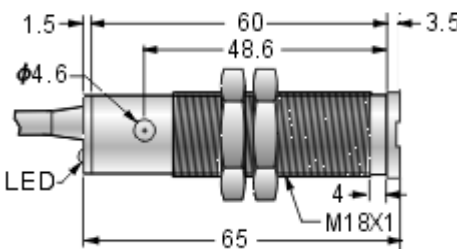
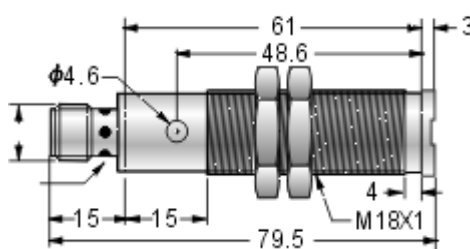


AC 24-240VAC PHOTOELECTRIC SENSOR (FM18)

Type		FM18		FM18	
Sensing Mode		Retro-reflective mode		Retro-reflective mode	
Sensing Picture					
Switching Distance (Sn)		3M		3M	
Picture		 CE		 CE	
Nominal Voltage		24-240VAC		24-240VAC	
Residual Ripple		<10%		<10%	
Tolerance		±10%Sn		±10%Sn	
Hysteresis		10%		10%	
Emission		Infrared(880nm)		Infrared(880nm)	
Output		AC non-contact (MOSFET Output)		AC non-contact (MOSFET Output)	
Contact		Light ON or Dark ON		Light ON or Dark ON	
Max. Output Current		200mA		200mA	
No Load Current		5mA or less		30mA or less	
Voltage Drop(Sensor On)					
Sensitivity Adjustment		Trimmer 1 turn		Trimmer 1 turn	
Response Time		15mS		1mS	
Short Circuit Protection					
Electric Protections					
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				
	Light ON	F2BL-M183000AL-I3A2	A33	F2BL-M183000AL-IEA4	A34
	Dark ON	F2BL-M183000AD-I3A2	A33	F2BL-M183000AD-IEA4	A34
Plastic Housing	Emitter				
	Light ON	F2PL-M183000AL-I3A2	A33	F2PL-M183000AL-IEA4	A34
	Dark ON	F2PL-M183000AD-I3A2	A33	F2PL-M183000AD-IEA4	A34
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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