

MP 系列

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图片	描述	模式	范围
	通用支架型光电传感器 • 标准或扁平支架安装 • 长范围- 达30m • 多种检测模式 • 小尺寸	对照式	30m
		镜面反射式	5m
		扩散式	380mm
		汇聚式	43mm
		光纤式 (范围取决于使用的光纤种类)	

DC型号 - 快速连接

模式	对照式 (范围30m)	镜面反射式	扩散式	汇聚式
光发射	Infrared LED, 880nm	Red LED, 650nm	Infrared LED, 880nm	Red LED, 650nm
工作范围	30m (98.4 ft.)	5m (16.4 ft.)	380mm (14.96 in.)	43mm (1.69 in.)
料号				
发射器	MP-T030MD-EX9Q4LE			
NPN / PNP	MP-T030MD-CX9Q4UE	MP-L5000D-CX6Q4UE	MP-D0380D-CX9Q4UE	MP-C0043D-CX6Q4UE

模式	对照式 (范围30m)	镜面反射式 (偏振)	光纤 (扩散式)	光纤 (对照式)
光发射	Infrared LED, 880nm	Red LED, 650nm	Infrared LED, 880nm	
工作范围	3m (9.84 ft.)	2m (6.56 ft.)	Depends on fiber used (see pages 18-21)	
料号				
发射器	MP-T3000D-EX9Q4LE			
NPN / PNP	MP-T3000D-CX9Q4UE	MP-L2000D-CX6Q4UE-PF	MP-DGFD-CX9Q4UE	MP-TGFD-CX9Q4UE

AC 型号 - 预接线

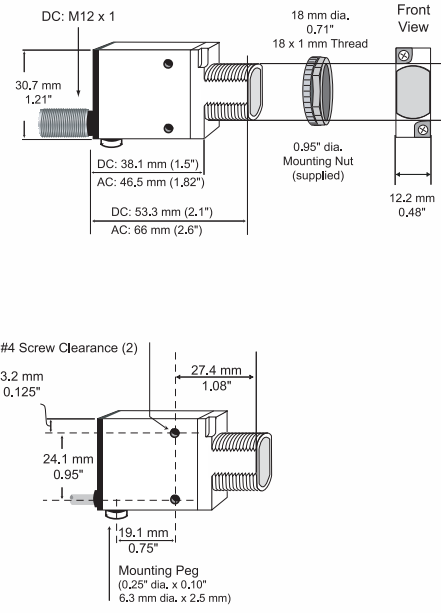
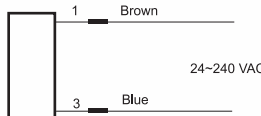
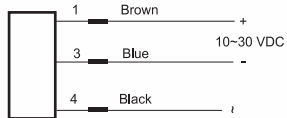
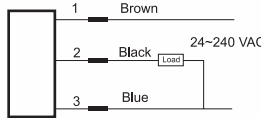
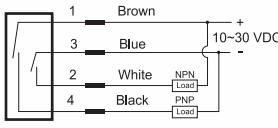
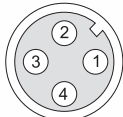
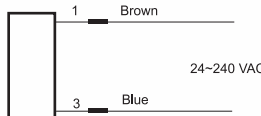
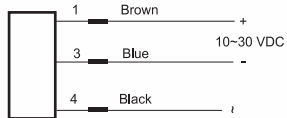
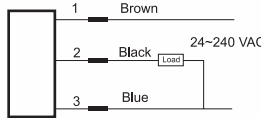
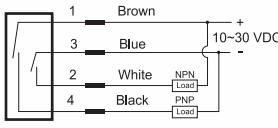
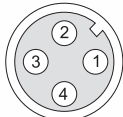
模式	对照式 (范围30m)	镜面反射式	扩散式	汇聚式
光发射	Infrared LED, 880nm	Red LED, 650nm	Infrared LED, 880nm	Red LED, 650nm
工作范围	30m (98.4 ft.)	5m (16.4 ft.)	380mm (14.96 in.)	43mm (1.69 in.)
料号				
发射器	MP-T030MA-EX9C2L2			
单刀单掷, 固态	MP-T030MA-CX9C3U2	MP-L5000A-CX6C3U2	MP-D0380A-CX9C3U2	MP-C0043A-CX6C3U2

模式	对照式 (范围30m)	镜面反射式 (偏振)	光纤 (扩散式)	光纤 (对照式)
光发射	Infrared LED, 880nm	Red LED, 650nm	Infrared LED, 880nm	
工作范围	3m (9.84 ft.)	2m (6.56 ft.)	Depends on fiber used (see pages 18-21)	
料号				
发射器	MP-T3000A-EX9C2L2			
单刀单掷, 固态	MP-T3000A-CX9C3U2	MP-L2000A-CX6C3U2-PF	MP-TGFA-CX9C3U2	MP-DGFA-CX9C3U2

TECHNICAL DATA

	DC Models	AC Models
Power Supply	10...30 VDC	20 to 250 VAC
Current Consumption	25mA max.	25mA max. (1.7mA max. for emitter)
Output Configuration	Bipolar: One current sourcing (PNP) and one current sinking (NPN) open-collector transistor	SPST MOSFET solid-state relay with either N.O. or N.C. contact (light/dark operate selectable: 3-wire hook-up)
Voltage Drop	<2.0V @ 150mA	<10V @ 200mA
Current Load Max	150mA	200mA
Response Time	1ms	8ms (4ms for Retroreflective Models)
Adjustments	LIGHT/DARK Operate sensitivity adjustment switch	
Connection	M12 - Recommended Mating Cable: part # R-FS4TZ-V075 (straight), R-FA4TZ-V075 (right-angle)	2 meter cable
Electrical Protection	Short-circuit, Reverse Polarity and Overload Current Protection	-
Mechanical Protection	IP67 (IEC)	
Housing Material	Reinforced thermoplastic polyester housing, totally encapsulated o-ring sealing, acrylic lenses and stainless steel screws	
Environment	-20°C to +70°C (-4°F to 158°F) ; Max. 90% RH @ 50°C	
Reference Standard	IEC 60947-5-2	

DIAGRAMS

Dimensions	Connections									
	<table border="1"> <thead> <tr> <th>Emitter AC</th> <th>Emitter DC</th> </tr> </thead> <tbody> <tr> <td>  </td> <td>  </td> </tr> <tr> <td>  </td> <td></td> </tr> <tr> <td>  </td> <td>  </td> </tr> </tbody> </table>		Emitter AC	Emitter DC						
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