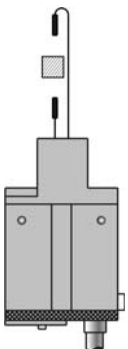







Plastic Fiber Optic with Opposed Mode


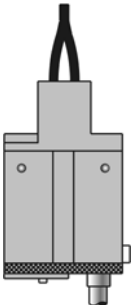





T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p>Light Source: red light 650nm</p>  <p>Plastic Fiber Optic Opposed Mode Sensing Distance (Note)</p>	<p>2m or 9m Cable</p> 	10-30V DC	NPN/PNP (1ms on/off)	MP-TPFD-CX6C4U2 (2m) MP-TPFD-CX6C4U9 (9m)
			NPN/PNP (0.3ms on/off)	MP-TPFD-CX6C4U2-HS (2m) MP-TPFD-CX6C4U9-HS (9m)
		24-240V AC	SPST Solid-state (4ms on/off) (3-wire)	
		12-240V DC/ 24-240V AC	SPST Solid-state (4ms on/off) (2-wire)	
	<p>M8 Connector (Pico-style)</p> 	10-30V DC	NPN/PNP (1ms on/off)	MP-TPFD-CX6Q4UP
			NPN/PNP (0.3ms on/off)	
		24-240V AC	_____	_____
		12-240V DC/ 24-240V AC	_____	_____
	<p>M12 Connector</p> 	10-30V DC (Euro-style)	NPN/PNP (1ms on/off)	MP-TPFD-CX6Q4UE
			NPN/PNP (0.3ms on/off)	
		24-240V AC (Micro-style)	SPST Solid-state (4ms on/off) (3-wire)	
		12-240V DC/ 24-240V AC (Micro-style)	SPST Solid-state (4ms on/off) (2-wire)	
<p>6" M8 Pigtail (Pico-style)</p> 	10-30V DC	NPN/PNP (1ms on/off)	MP-TPFD-CX6P4UP	
		NPN/PNP (0.3ms on/off)	MP-TPFD-CX6P4UP-HS	
	24-240V AC	_____	_____	
	12-240V DC/ 24-240V AC	_____	_____	
<p>6" M12 Pigtail</p> 	10-30V DC (Euro-style)	NPN/PNP (1ms on/off)		
		NPN/PNP (0.3ms on/off)		
	24-240V AC (Micro-style)	SPST Solid-state (4ms on/off) (3-wire)		
	12-240V DC/ 24-240V AC (Micro-style)	SPST Solid-state (4ms on/off) (2-wire)		

Note: Depends on fiber optic used (Please see our Glass Fiber & Plastic Fiber catalogue for detail information).
 Coming Soon : Part numbers with underline
 In Preparation: Part numbers with a line through the middle

Plastic Fiber Optic with Diffuse Mode

T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number	
<p>Light Source: red light 650nm</p>  <p>↑ ↓</p>  <p>Plastic Fiber Optic Diffuse Mode Sensing Distance (Note)</p>	2m or 9m Cable	 10-30V DC 24-240V AC 12-240V DC/ 24-240V AC	NPN/PNP (1ms on/off)	MP-DPFD-CX6C4U2 (2m) MP-DPFD-CX6C4U9 (9m)	
				NPN/PNP (0.3ms on/off)	
				SPST Solid-state (4ms on/off) (3-wire)	
				SPST Solid-state (4ms on/off) (2-wire)	
	M8 Connector (Pico-style)	 10-30V DC 24-240V AC 12-240V DC/ 24-240V AC	NPN/PNP (1ms on/off)		
				NPN/PNP (0.3ms on/off)	MP-DPFD-CX6Q4UP-HS
				————	————
				————	————
	M12 Connector	 10-30V DC (Euro-style) 24-240V AC (Micro-style) 12-240V DC/ 24-240V AC (Micro-style)	NPN/PNP (1ms on/off)		
				NPN/PNP (0.3ms on/off)	
				SPST Solid-state (4ms on/off) (3-wire)	
				SPST Solid-state (4ms on/off) (2-wire)	
	6" M8 Pigtail (Pico-style)	 10-30V DC 24-240V AC 12-240V DC/ 24-240V AC	NPN/PNP (1ms on/off)		
				NPN/PNP (0.3ms on/off)	
				————	————
				————	————
6" M12 Pigtail	 10-30V DC (Euro-style) 24-240V AC (Micro-style) 12-240V DC/ 24-240V AC (Micro-style)	NPN/PNP (1ms on/off)			
			NPN/PNP (0.3ms on/off)		
			SPST Solid-state (4ms on/off) (3-wire)		
			SPST Solid-state (4ms on/off) (2-wire)		

Note: Depends on fiber optic used (Please see our Glass Fiber & Plastic Fiber catalogue for detail information).
 Coming Soon : Part numbers with underline
 In Preparation: Part numbers with a line through the middle