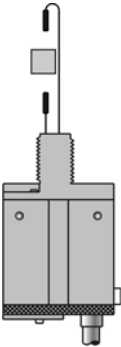







Glass Fiber Optic with Opposed Mode







T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p>Light Source: infrared 880nm</p>  <p>Glass Fiber Optic Opposed Mode Sensing Distance (Note)</p>	<p>2m or 9m Cable</p> 	<p>10-30V DC</p>	<p>NPN/PNP (1ms on/off)</p>	<p>MP-TGFD-CX9C4U2 (2m) MP-TGFD-CX9C4U9 (9m)</p>
			<p>NPN/PNP (0.3ms on/off)</p>	
		<p>24-240V AC</p>	<p>SPST Solid-state (8ms on/off) (3-wire)</p>	
		<p>12-240V DC/ 24-240V AC</p>	<p>SPST Solid-state (8ms on/off) (2-wire)</p>	
	<p>M8 Connector (Pico-style)</p> 	<p>10-30V DC</p>	<p>NPN/PNP (1ms on/off)</p>	
			<p>NPN/PNP (0.3ms on/off)</p>	
		<p>24-240V AC</p>	<p>_____</p>	<p>_____</p>
		<p>12-240V DC/ 24-240V AC</p>	<p>_____</p>	<p>_____</p>
	<p>M12 Connector</p> 	<p>10-30V DC (Euro-style)</p>	<p>NPN/PNP (1ms on/off)</p>	<p>MP-TGFD-CX9Q4UE</p>
			<p>NPN/PNP (0.3ms on/off)</p>	
		<p>24-240V AC (Micro-style)</p>	<p>SPST Solid-state (8ms on/off) (3-wire)</p>	
		<p>12-240V DC/ 24-240V AC (Micro-style)</p>	<p>SPST Solid-state (8ms on/off) (2-wire)</p>	
<p>6" M8 Pigtail (Pico-style)</p> 	<p>10-30V DC</p>	<p>NPN/PNP (1ms on/off)</p>		
		<p>NPN/PNP (0.3ms on/off)</p>		
	<p>24-240V AC</p>	<p>_____</p>	<p>_____</p>	
	<p>12-240V DC/ 24-240V AC</p>	<p>_____</p>	<p>_____</p>	
<p>6" M12 Pigtail</p> 	<p>10-30V DC (Euro-style)</p>	<p>NPN/PNP (1ms on/off)</p>		
		<p>NPN/PNP (0.3ms on/off)</p>		
	<p>24-240V AC (Micro-style)</p>	<p>SPST Solid-state (8ms on/off) (3-wire)</p>		
	<p>12-240V DC/ 24-240V AC (Micro-style)</p>	<p>SPST Solid-state (8ms on/off) (2-wire)</p>		

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

Glass Fiber Optic with Diffuse Mode

T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Light Source: infrared 880nm</p>  <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Glass Fiber Optic Diffuse Mode Sensing Distance (Note)</p>	<p>2m or 9m Cable</p> 	10-30V DC	NPN/PNP (1ms on/off)	MP-DGFD-CX9C4U2 (2m) MP-DGFD-CX9C4U9 (9m)
			NPN/PNP (0.3ms on/off)	
		24-240V AC	SPST Solid-state (8ms on/off) (3-wire)	
		12-240V DC/ 24-240V AC	SPST Solid-state (8ms on/off) (2-wire)	
	<p>M8 Connector (Pico-style)</p> 	10-30V DC	NPN/PNP (1ms on/off)	
			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-DGFD-CX9Q4UE
			NPN/PNP (0.3ms on/off)	
		24-240V AC (Micro-style)	SPST Solid-state (8ms on/off) (3-wire)	
		12-240V DC/ 24-240V AC (Micro-style)	SPST Solid-state (8ms on/off) (2-wire)	
<p>6" M8 Pigtail (Pico-style)</p> 	10-30V DC	NPN/PNP (1ms on/off)		
		NPN/PNP (0.3ms on/off)		
	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 (8ms on/off) (3-wire)		
	12-240V DC/ 24-240V AC (Micro-style)	SPST Solid-state (8ms 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