

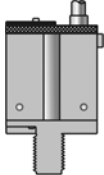
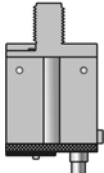






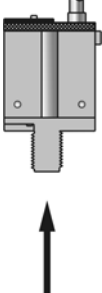




Opposed Mode (Standard Range)

T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
Light Source: infrared 880nm	2m Cable 	10-30V DC	Emitter	MP-T3000D-EX9C3L2
			NPN/PNP (1ms on/off)	MP-T3000D-CX9C4U2
			Emitter	MP-T3000D-EX9C3L2-HS
			NPN/PNP (0.3ms on/off)	MP-T3000D-CX9C4U2-HS
	9m Cable 	10-30V DC	Emitter	MP-T3000D-EX9C3L9
			NPN/PNP (1ms on/off)	MP-T3000D-CX9C4U9
			Emitter	MP-T3000D-EX9C3L9-HS
			NPN/PNP (0.3ms on/off)	MP-T3000D-CX9C4U9-HS
 	Pico Style 4 Pins QD 	10-30V DC	Emitter	MP-T3000D-EX9Q4LP
			NPN/PNP (1ms on/off)	MP-T3000D-CX9Q4UP
			Emitter	MP-T3000D-EX9Q4LP-HS
			NPN/PNP (0.3ms on/off)	MP-T3000D-CX9Q4UP-HS
Opposed Mode Sensing Distance:3m	Euro Style 4 Pins QD 	10-30V DC	Emitter	MP-T3000D-EX9Q4LE
			NPN/PNP (1ms on/off)	MP-T3000D-CX9Q4UE
			Emitter	MP-T3000D-EX9Q4LE-HS
			NPN/PNP (0.3ms on/off)	MP-T3000D-CX9Q4UE-HS
	Pico Style 4 Pins 6" Pigtail 	10-30V DC	Emitter	MP-T3000D-EX9P4LP
			NPN/PNP (1ms on/off)	MP-T3000D-CX9P4UP
			Emitter	MP-T3000D-EX9P4LP-HS
			NPN/PNP (0.3ms on/off)	MP-T3000D-CX9P4UP-HS
Euro Style 4 Pins 6" Pigtail 	10-30V DC	Emitter	MP-T3000D-EX9P4LE	
		NPN/PNP (1ms on/off)		
		Emitter	MP-T3000D-EX9P4LE-HS	
		NPN/PNP (0.3ms on/off)		



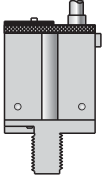

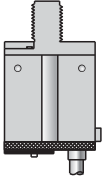



Opposed Mode (Standard Range)

T: MP SERIES

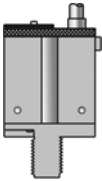
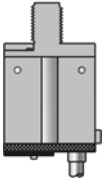




Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p>Light Source : Infrared 880nm</p>  <p>Opposed Mode Sensing Distance: 3m</p>	<p>2m Cable</p> 	24~240V AC	Emitter (2-wire)	MP-T3000A-EX9C2L2
			SPST Solid-state (2ms on/1ms off) (3-wire)	MP-T3000A-CX9C3U2
		12~240V DC/ 24~240V AC	Emitter (2-wire)	
			SPST Solid-state (2ms on/1ms off) (2-wire)	
	<p>9m Cable</p> 	24~240V AC	Emitter (2-wire)	MP-T3000A-EX9C2L9
			SPST Solid-state (2ms on/1ms off) (3-wire)	MP-T3000A-CX9C3U9
		12~240V DC/ 24~240V AC	Emitter (2-wire)	
			SPST Solid-state (2ms on/1ms off) (2-wire)	
<p>Micro Style 3 Pins QD</p> 	24~240V AC	Emitter (2-wire)		
		SPST Solid-state (2ms on/1ms off) (3-wire)		
	12~240V DC/ 24~240V AC	Emitter (2-wire)		
		SPST Solid-state (2ms on/1ms off) (2-wire)		
<p>Micro Style 3 Pins 6" Pigtail</p> 	24~240V AC	Emitter (2-wire)	MP-T3000A-EX9P3LM	
		SPST Solid-state (2ms on/1ms off) (3-wire)		
	12~240V DC/ 24~240V AC	Emitter (2-wire)		
		SPST Solid-state (2ms on/1ms off) (2-wire)		

Opposed Mode (Long Range, Sn=30m)

T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
Light Source : Infrared 880nm	2m Cable 	10-30V DC	Emitter	MP-T030MD-EX9C3L2
			NPN/PNP (1ms on/off)	MP-T030MD-CX9C4U2
			Emitter	MP-T030MD-EX9C3L2-HS
			NPN/PNP (0.3ms on/off)	MP-T030MD-CX9C4U2-HS
	9m Cable 	10-30V DC	Emitter	MP-T030MD-EX9C3L9
			NPN/PNP (1ms on/off)	MP-T030MD-CX9C4U9
			Emitter	MP-T030MD-EX9C3L9-HS
			NPN/PNP (0.3ms on/off)	MP-T030MD-CX9C4U9-HS
 Pico Style 4 Pins QD 	10-30V DC	Emitter	MP-T030MD-EX9Q4LP	
		NPN/PNP (1ms on/off)	MP-T030MD-CX9Q4UP	
		Emitter	MP-T030MD-EX9Q4LP-HS	
		NPN/PNP (0.3ms on/off)	MP-T030MD-CX9Q4UP-HS	
 Euro Style 4 Pins QD 	10-30V DC	Emitter	MP-T030MD-EX9Q4LE	
		NPN/PNP (1ms on/off)	MP-T030MD-CX9Q4UE	
		Emitter	MP-T030MD-EX9Q4LE-HS	
		NPN/PNP (0.3ms on/off)	MP-T030MD-CX9Q4UE-HS	
Opposed Mode Sensing Distance:30m Pico Style 4 Pins 6" Pigtail 	10-30V DC	Emitter	MP-T030MD-EX9P4LP	
		NPN/PNP (1ms on/off)	MP-T030MD-CX9P4UP	
		Emitter	MP-T030MD-EX9P4LP-HS	
		NPN/PNP (0.3ms on/off)	MP-T030MD-CX9P4UP-HS	
Euro Style 4 Pins 6" Pigtail 	10-30V DC	Emitter	MP-T030MD-EX9P4LE	
		NPN/PNP (1ms on/off)	MP-T030MD-CX9P4UE	
		Emitter	MP-T030MD-EX9P4LE-HS	
		NPN/PNP (0.3ms on/off)	MP-T030MD-CX9P4UE-HS	

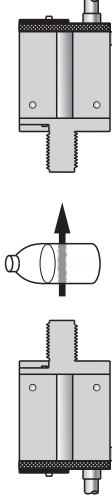






Opposed Mode (Long Range, Sn=30m)

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p style="text-align: center;">Light Source : Infrared 880nm</p>  <p style="text-align: center;">↑</p>  <p style="text-align: center;">Opposed Mode Sensing Distance: 30m</p>	<p>2m Cable</p> 	<p>24~240V AC</p>	<p>Emitter (2-wire)</p>	<p>MP-T030MA-EX9C2L2</p>
		<p>24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (3-wire)</p>	<p>MP-T030MA-CX9C3U2</p>
		<p>12~240V DC/ 24~240V AC</p>	<p>Emitter (2-wire)</p>	
		<p>12~240V DC/ 24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (2-wire)</p>	
	<p>9m Cable</p> 	<p>24~240V AC</p>	<p>Emitter (2-wire)</p>	<p>MP-T030MA-EX9C2L9</p>
		<p>24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (3-wire)</p>	<p>MP-T030MA-CX9C3U9</p>
		<p>12~240V DC/ 24~240V AC</p>	<p>Emitter (2-wire)</p>	
		<p>12~240V DC/ 24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (2-wire)</p>	
	<p>Micro Style 3 Pins QD</p> 	<p>24~240V AC</p>	<p>Emitter (2-wire)</p>	<p>MP-T030MA-EX9Q3LM</p>
		<p>24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (3-wire)</p>	<p>MP-T030MA-CX9Q3UM</p>
		<p>12~240V DC/ 24~240V AC</p>	<p>Emitter (2-wire)</p>	
		<p>12~240V DC/ 24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (2-wire)</p>	
<p>Micro Style 3 Pins 6" Pigtail</p> 	<p>24~240V AC</p>	<p>Emitter (2-wire)</p>	<p>MP-T030MA-EX9P3LM</p>	
	<p>24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (3-wire)</p>	<p>MP-T030MA-CX9P3UM</p>	
	<p>12~240V DC/ 24~240V AC</p>	<p>Emitter (2-wire)</p>		
	<p>12~240V DC/ 24~240V AC</p>	<p>SPST Solid-state (2ms on/1ms off) (2-wire)</p>		

T: MP SERIES

Opposed Mode (For plastic detection, Sn=300mm)

T: MP SERIES

Sensing Mode	Connection	Supply Voltage	Output Mode	Part Number
<p>Light Source : red light 650nm For plastic detection</p>  <p>Opposed Mode Sensing Distance:300mm</p>	<p>2m Cable</p> 	10-30V DC	Emitter	MP-T0300D-EX6C3L2-PD
			NPN/PNP (1ms on/off)	MP-T0300D-CX6C4U2-PD
			Emitter	MP-T0300D-EX6C3L2-PH
			NPN/PNP (0.3ms on/off)	MP-T0300D-CX6C4U2-PH
	<p>9m Cable</p> 	10-30V DC	Emitter	MP-T0300D-EX6C3L9-PD
			NPN/PNP (1ms on/off)	MP-T0300D-CX6C4U9-PD
			Emitter	MP-T0300D-EX6C3L9-PH
			NPN/PNP (0.3ms on/off)	MP-T0300D-CX6C4U9-PH
	<p>Pico Style 4 Pins QD</p> 	10-30V DC	Emitter	MP-T0300D-EX6Q4LP-PD
			NPN/PNP (1ms on/off)	MP-T0300D-CX6Q4UP-PD
			Emitter	MP-T0300D-EX6Q4LP-PH
			NPN/PNP (0.3ms on/off)	MP-T0300D-CX6Q4UP-PH
<p>Euro Style 4 Pins QD</p> 	10-30V DC	Emitter	MP-T0300D-EX6Q4LE-PD	
		NPN/PNP (1ms on/off)	MP-T0300D-CX6Q4UE-PD	
		Emitter	MP-T0300D-EX6Q4LE-PH	
		NPN/PNP (0.3ms on/off)	MP-T0300D-CX6Q4UE-PH	
<p>Pico Style 4 Pins 6" Pigtail</p> 	10-30V DC	Emitter	MP-T0300D-EX6P4LP-PD	
		NPN/PNP (1ms on/off)	MP-T0300D-CX6P4UP-PD	
		Emitter	MP-T0300D-EX6P4LP-PH	
		NPN/PNP (0.3ms on/off)	MP-T0300D-CX6P4UP-PH	
<p>Euro Style 4 Pins 6" Pigtail</p> 	10-30V DC	Emitter	MP-T0300D-EX6P4LE-PD	
		NPN/PNP (1ms on/off)		
		Emitter		
		NPN/PNP (0.3ms on/off)		