

Item Code	PR12		PR12	
Sensing mode	Through beam(Emitter)	Through beam(Receiver)	Through beam(Emitter)	Through beam(Receiver)
Sensing distance	5m (Non-adjustable)	5m (Non-adjustable)	10m (Non-adjustable)	10m (Non-adjustable)



Output	NPN NO	PR12-TM5D-E2	PR12-TM5DNO-E2	PR12-TM10D-E2	PR12-TM10DNO-E2
	NPN NC	PR12-TM5D-E2	PR12-TM5DNC-E2	PR12-TM10D-E2	PR12-TM10DNC-E2
Output	PNP NO	PR12-TM5D-E2	PR12-TM5DPO-E2	PR12-TM10D-E2	PR12-TM10DPO-E2
	PNP NC	PR12-TM5D-E2	PR12-TM5DPC-E2	PR12-TM10D-E2	PR12-TM10DPC-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Light source	Infrared LED (880nm)	...	Infrared LED (880nm)	...
Load current	...	<200mA	...	<200mA
Voltage drop	...	<2.5V	...	<2.5V
Consumption current	<25mA	<25mA	<25mA	<25mA
Hysteresis	...	...	...	...
Repeat accuracy	<5%	<5%	<5%	<5%
Response time	...	< 8.2ms	...	< 8.2ms
Output indicator	Green LED	Yellow LED	Green LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	...	yes	...	yes
Ambient temperature	-15...+55°C	-15...+55°C	-15...+55°C	-15...+55°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	Ip67	IP67	Ip67
Housing material	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy
Connection	M12 Connector	M12 Connector	M12 Connector	M12 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L

