

Item Code	PR18S		PR18S	
Sensing mode	Through beam(Emitter)	Through beam(Receiver)	Through beam(Emitter)	Through beam(Receiver)
Sensing distance	10m ( Non-adjustable )	10m ( Non-adjustable )	20m ( Non-adjustable )	20m ( Non-adjustable )



Output	NPN NO	PR18S-TM10D	PR18S-TM10DNO	PR18S-TM20D	PR18S-TM20DNO
	NPN NC	PR18S-TM10D	PR18S-TM10DNC	PR18S-TM20D	PR18S-TM20DNC
	NPN NO+NC	PR18S-TM10D	PR18S-TM10DNR	PR18S-TM20D	PR18S-TM20DNR
Output	PNP NO	PR18S-TM10D	PR18S-TM10DPO	PR18S-TM20D	PR18S-TM20DPO
	PNP NC	PR18S-TM10D	PR18S-TM10DPC	PR18S-TM20D	PR18S-TM20DPC
	PNP NO+NC	PR18S-TM10D	PR18S-TM10DPR	PR18S-TM20D	PR18S-TM20DPR

### 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	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>

