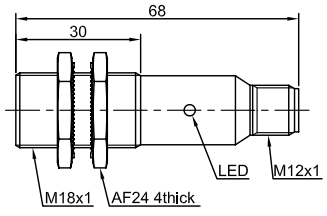
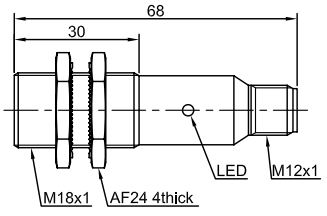
10-30VDC 3/4 Wires

Item Code		PR18		PR18	
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	PR18-TM10D-E2	PR18-TM10DNO-E2	PR18-TM20D-E2	PR18-TM20DNO-E2
	NPN NC	PR18-TM10D-E2	PR18-TM10DNC-E2	PR18-TM20D-E2	PR18-TM20DNC-E2
	NPN NO+NC	PR18-TM10D-E2	PR18-TM10DNR-E2	PR18-TM20D-E2	PR18-TM20DNR-E2
Output	PNP NO	PR18-TM10D-E2	PR18-TM10DPO-E2	PR18-TM20D-E2	PR18-TM20DPO-E2
	PNP NC	PR18-TM10D-E2	PR18-TM10DPC-E2	PR18-TM20D-E2	PR18-TM20DPC-E2
	PNP NO+NC	PR18-TM10D-E2	PR18-TM10DPR-E2	PR18-TM20D-E2	PR18-TM20DPR-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℃	-15...+55℃	-15...+55℃	-15...+55℃
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 UL	CE UL	CE UL	CE UL