



*M18 series P*hotoelectric *B*eam *S*ensor

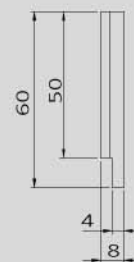
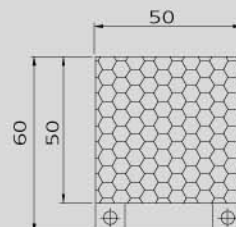
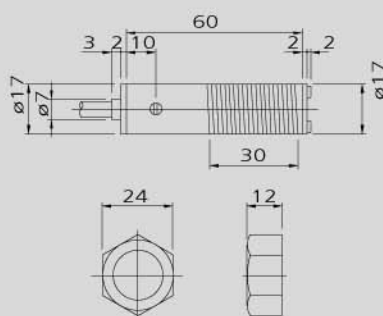


Features

- Super sensing range:20 meters (Through Beam).
- Twice Output:Both NPN/PNP.
- Water proof:IP 67.

DIMENSIONS:

Retro-Reflection
DR-300



UNIT:mm

SPECIFICATIONS:

Through Beam
DR-2000



Diffused Type
DR-40

Detection Method	Retro-Reflection	Through Beam	Diffused Type
Model No.	DR-300	DR-2000	DR-40
Output Status	NPN/PNP	NPN/PNP	NPN/PNP
Sensing Range	3m	20m	40cm
Operating Volt.	10-30VDC: RIPPLE <20% OF P.P		
Consumption Current	20mA	45mA	25mA
Output	Both NPN/PNP(Selectable)		
Output Current	150 mA Max.		
Residual Voltage	0.8V Max.		
Leakage Current	Circuit 0.8 mA Max.		
Protection Circuit	1. Short 2. Polarity reversed protection		
Response Time	1ms	5ms	1ms
Sensing Adjuster	None	None	270 Trimmer
Hysteresis	20% of sensing range max.		
Illumination	Lamplight <10,000 LUX, Sunlight<20,000 LUX		
Housing Material	Intensive ABS		
Ambient Temp.	-20°C~60°C ; 35%-85%RH		
Water Proof	IP-67		
Size	72mm(L) x 18mm(D)		

Applications:

- Car Washing Machine or Conveyer.
- Gate or garage door.
- Overhead doors.
- Barrier.
- Door entrance.
- Parking lot.
- Alarm system.
- Warehouse.