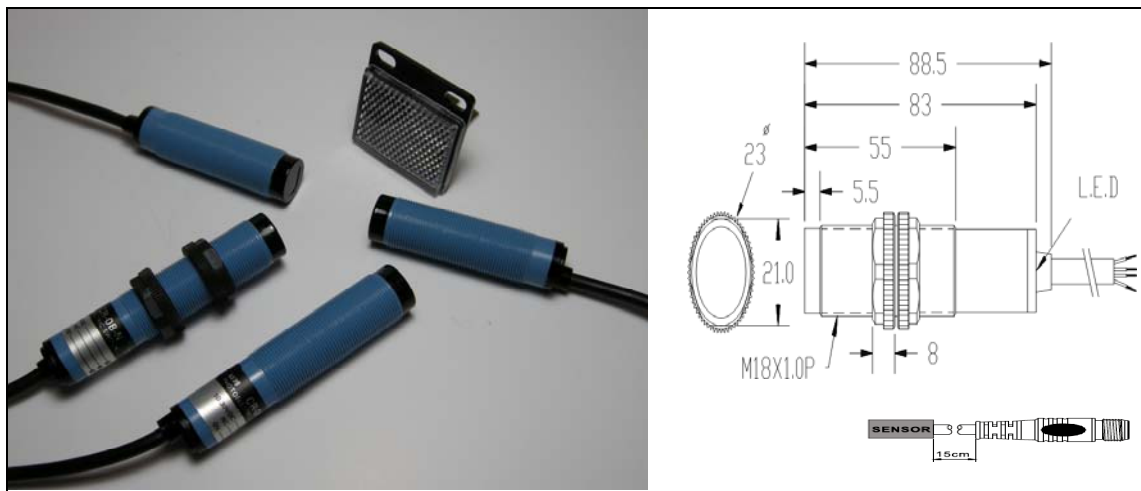


**M-18 Series**

- 👍 The body is filling with resin, the structure protection reaches IEC IP67 standard at water proof, oil resistance, shock resistance, insulation resistance, impact resistance and excellent tolerance at environment.
- 👍 CENELEC standard size M18 specification, easy installation.
- 👍 Short circuit and polarity protection for comprehensive protection of internal circuit. .
- 👍 Light ON or Dark ON two systems available.
- 👍 Various detection distance, 8cm, 20cm, 1.5m, 3m etc.



Model number	Switching output	Sensing method	Sensing distance	Connecting method
SP-300N	NPN	Through-beam	3M	Pre-wired 2M Cable
SP-300P	PNP			Cable with Quick connector
SP-300N-J	NPN			
SP-300P-J	PNP			
SR-200N	NPN	Retro-reflective	1.5M	Pre-wired 2M Cable
SR-200P	PNP			Cable with Quick connector
SR-200N-J	NPN			
SR-200P-J	PNP			
CR-30N	NPN	Diffuse-reflective	20cm	Pre-wired 2M Cable
CR-30P	PNP			Cable with Quick connector
CR-30N-J	NPN			
CR-30P-J	PNP			
CR-08N	NPN		8cm	Pre-wired 2M Cable
CR-08P	PNP			
CR-08N-J	NPN			
CR-08P-J	PNP			

Item	Specifications
Operating voltage	DC 10~30V · ripple $\leq$ 10%
Control output	NPN NO&NC · PNP NO&NC
Response time	< 5ms
Load current	< 200mA
Light source	Infraed LED
Operation indicator	Red LED
Circuits protection	Reversed polarity & Short circuit protection
Enclosure protection	IEC IP67
Ambient temperature & humidity range	Operating : -20 ~ 55°C / RH 35 ~85% (with no icing or condensation)
Ambient illumination	Lamplight < 3000 Lux / Sunlight < 10000 Lux
Housing material	Case : ABS / Lens : Acrylic
Accessories	Nuts · Reflector(only for Retro-reflective)