

100G Of Mechanical Rigidity & BGS Function

S series 16 types

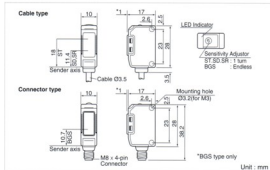
For details refer to this catalogue



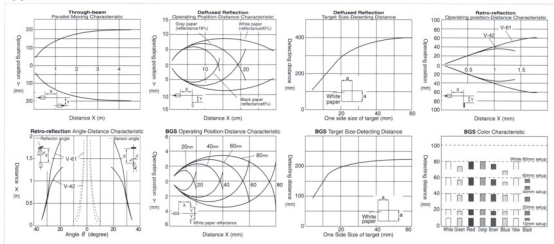
BGS performance qualified in such a small dimensions. Mechanical toughness proved with 100G of shock test.



Dimensions



Typical Characteristics (Examples)



Specifications

	Through-beam	Diffused reflection	Retro-reflection	BGS
Cable type NPN / PNP	ST-400N / 400P	SD-20N / 20P	SR-150N / 150P	BGS-S08N / 08N
M8 Connector type NPN / PNP	ST-400CN / 400CP	SD-20CN / 20CP	SR-150CN / 150CP	BGS-S08CN / 08P
Scanning range	4m	20cm	1.5m	10 to 80mm
Supply voltage		10 to 30V DC incl. 10% ripple		
Current consumption	30mA		20mA	
Hysteresis		20%		10%
Minimum detecting object	Ø6 opaque object		□45mm opaque object	
Response			0.5sec Max	
Control output		NPN or PNP Open collector, Output 30V DC 100mA max		
Operation mode		Light ON / Dark ON selectable by wiring		
Sensitivity adjustment			1 - lum trimmer	5 - lum trimmer
Indicator			Red	
Ambient temperature			-25 to 55°C / 35 to 85°FRH	
Protection category			IP 67	
Ambient illumination (reference on light reflecting surface)			Sunlight : 10,000 lux, Halogen : 3,000 lux	
Shock resistance			100G (X-Y-Z 3 times each)	
Vibration resistance			10 to 50Hz, amplitude 1.5mm (X-Y-Z 2 hours each)	

● Specifications are subject to change without prior notice for improvement.