V2 Series

Photoelectric Sensor



- 최대 100cm 거리 검출 가능 (BGS-2V100)
- 대형 렌즈를 통한 안정적 검출
- IP 67 보호 등급 인증, QD커넥터 사용가능

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화이버센서

포토센서

레이저센서

근접센서

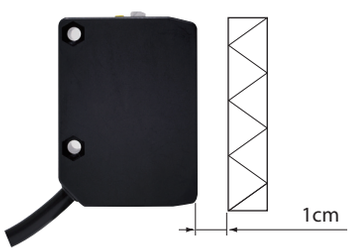
정전용량형센서

초음파센서

압력 · 리크센서

제품 설명 및 특징

사각(死角)은 단 1cm! (회귀반사형)



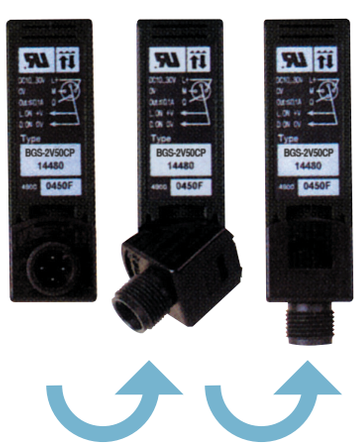
V2R-1200

대형렌즈에서 투사되는 강력한 빔이 흐린 시야 등의 열악한 환경에서도 문제 없는 사용을 보장

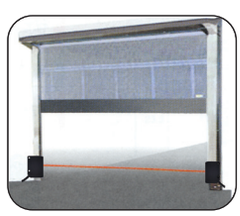


마운팅을 융통성 있게 해주는 회전식 커넥터 (DC 타입)

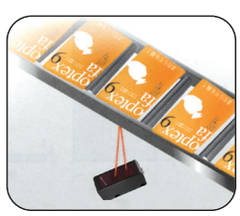
결합의 융통성을 추구하여 커넥터가 90도까지 회전할 수 있도록 설계되었습니다. IP 67 보호 등급도 취득하였습니다.



제품 설명 및 특징



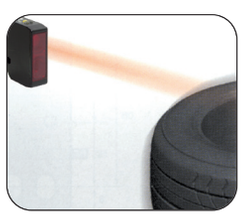
출입문 제어
(V2T-7000)



컨베이어 위 잡지 검출
(BGS-2V50)



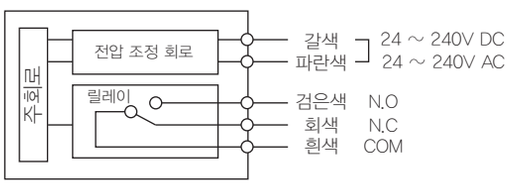
주차 제어
(V2T-7000)



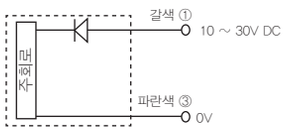
타이어 집계
(V2R-1200)

회로도

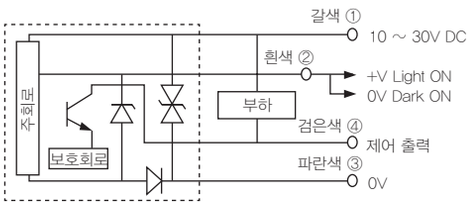
AC/DC타입



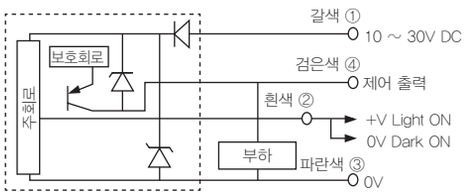
DC 투광부

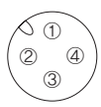


DC NPN 타입



DC PNP 타입



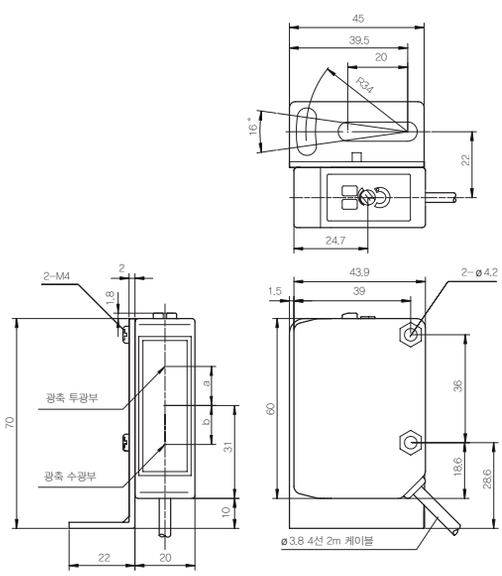


M12 커넥터

① DC10 ~ 30V
② +V Light ON 연결
0V Dark ON 연결
③ 0V
④ 제어 출력

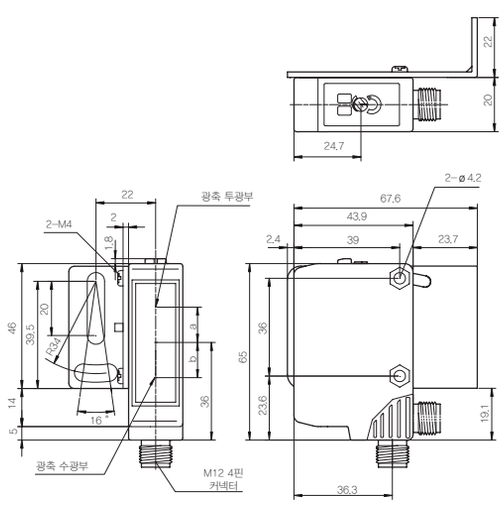
치수

케이블 타입



	BGS-2V	V2R-1200	V2T-7000
a	13	16.8	44
b	BGS 단거리 12.6 /중거리 13/장거리 13.6	19	–

커넥터 타입



	BGS-2V	V2R-1200	V2T-7000
a	13	16.8	49
b	BGS 단거리 12.6 /중거리 13/장거리 13.6	24	–

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V series
V2 series
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S series
Z/BGS-Z series
Z2 series
Z3 series
Z-M/BGS-ZM series
K series
BGS-2S series
Y series
DM-18T series
MOFT, MOFR

V2 Series

사양

모델	V2 시리즈 AC/DC 타입				
	투수과형	회귀반사형 (편광 필터)	BGS 타입		
			장거리 범위	중거리 범위	단거리 범위
케이블 타입	V2T-7000	V2R-1200	BGS-2V100	BGS-2V50	BGS-2V30
검출 거리	70m	0.01 ~ 12m ※1	25 ~ 100cm	15 ~ 50cm	10 ~ 30cm
광원	적색광 LED				
공급 전압	DC 24 ~ 240V ±10% AC 24 ~ 240V ±10% 50/60Hz				
소비 전류	최대 3VA (Class A)	최대 2VA (Class A)			
	최대 4VA (Class B)	최대 2.5 VA (Class B)			
응답 속도	최대 15ms				
히스테리시스	–		최대 20%	최대 5%	
제어 출력	릴레이 1C DC 30V 2A /최대 AC 250V 3A				
동작 모드	Light ON (입광시 ON)				
감도 조절	2 회전 볼륨				
인디케이터	출력 인디케이터 (주황색 LED) / 안정 상태 인디케이터 (초록색 LED)				
주위 온도/습도	-25 ~ 55℃ / 35 ~ 85%RH (동결, 응결 없을 것)				
보관 온도/습도	-40 ~ 70℃ / 35 ~ 95%RH				
조도 환경	태양광: 최대 10,000lx, 백열 램프: 최대 3,000lx				
보호 등급/소재	IP 67 (IEC 144) / 케이스:ABS (유리 섬유 포함) 전면 커버: PC (회귀반사 타입은 PMMA)				

모델	V2 시리즈 DC 타입				
	투수과형	회귀반사형 (편광 필터)	BGS 타입		
			장거리 범위	중거리 범위	단거리 범위
케이블 타입	V2T-7000D(N,P)	V2R-1200D(N,P)	BGS-2V100(N,P)	BGS-2V50(N,P)	BGS-2V30(N,P)
커넥터 타입	V2T-7000CD(N,P)	V2R-1200CD(N,P)	BGS-2V100C(N,P)	BGS-2V50C(N,P)	BGS-2V30C(N,P)
검출 거리	70m	0.01 ~ 12m ※1	25 ~ 100cm	15 ~ 50cm	10 ~ 30cm
광원	적색광 LED				
공급 전압	DC 10 ~ 30V 리플 포함 (P-P) 10%				
소비 전류	최대 35mA				
응답 속도	최대 0.5ms		최대 3ms	최대 2ms	
히스테리시스	–		최대 15%	최대 5%	
제어 출력	NPN/PNP 오픈 컬렉터 DC 30V 최대 100mA (잔류 전압 최대 1.8V)				
동작 모드	Light ON (입광시 ON) / Dark ON (차광시 ON) , 배선으로 선택 가능				
감도 조절	2 회전 볼륨				
인디케이터	출력 인디케이터 (주황색 LED) / 안정 상태 인디케이터 (초록색 LED)				
주위 온도/습도	-25 ~ 55℃ / 35 ~ 85%RH (동결, 응결 없을 것)				
보관 온도/습도	-40 ~ 70℃ / 35 ~ 95%RH				
조도 환경	태양광: 최대 10,000lx, 백열 램프: 최대 3,000lx				
보호 등급/소재	IP 67 (IEC 144) / 케이스:ABS (유리 섬유 포함) 전면 커버: PC (회귀반사 타입은 PMMA)				

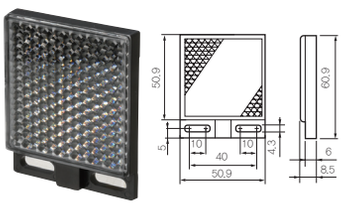
※1 반사판 V-61

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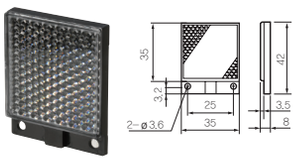
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포토센서
레이저센서
근접센서
정전용량형센서
초음파센서
압력 · 리크센서

액세서리

표준형 반사판 V-61

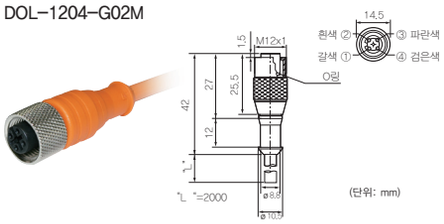


소형 반사판 V-42



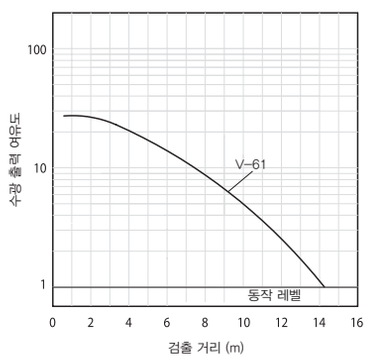
M12 표준형 커넥터

DOL-1204-G02M

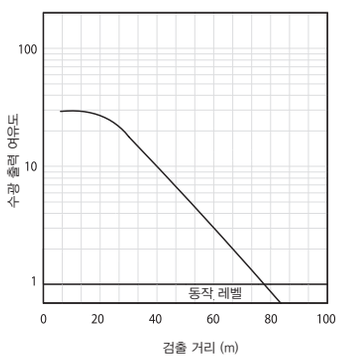


수광 출력 여유도

V2R-1200

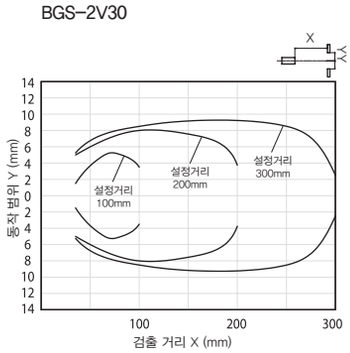


V2T-7000

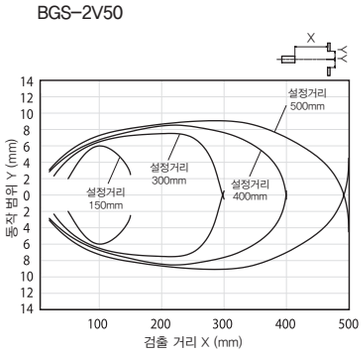


동작 영역

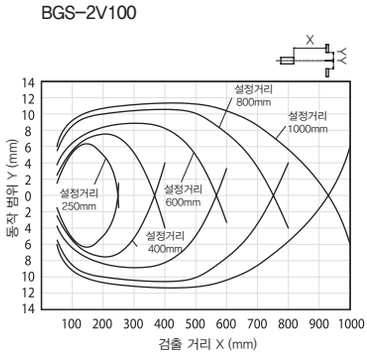
BGS-2V30



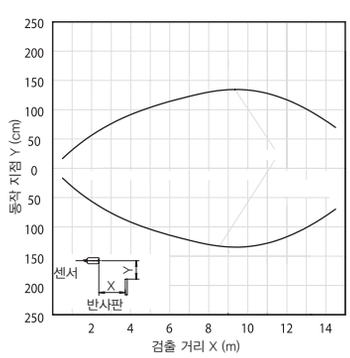
BGS-2V50



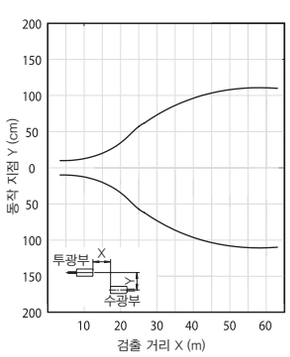
BGS-2V100



V2R-1200



V2T-7000



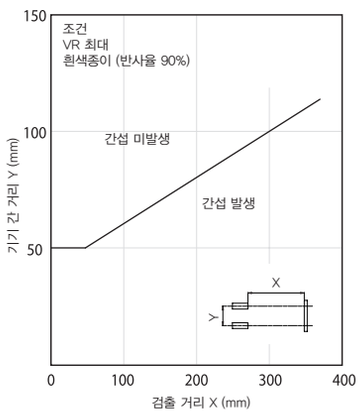
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SR-Q series
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Z/BGS-Z series
Z2 series
Z3 series
Z-M/BGS-ZM series
K series
BGS-2S series
Y series
DM-18T series
MOFT, MOFR

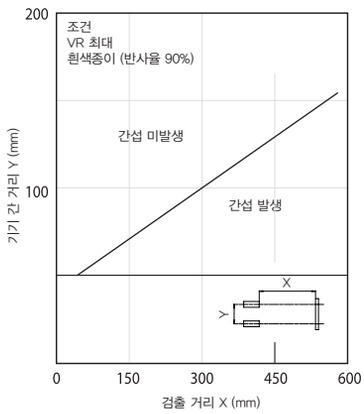
V2 Series

간섭 영역

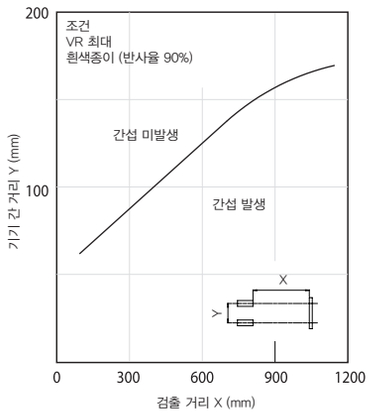
BGS-2V30



BGS-2V50

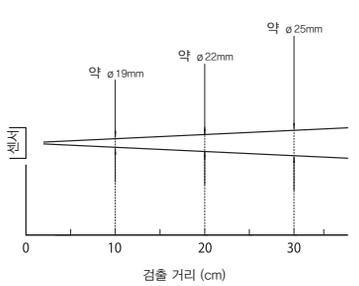


BGS-2V100

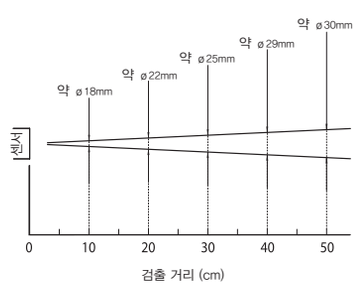


스폿 사이즈

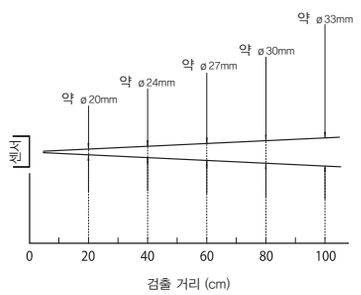
BGS-2V30



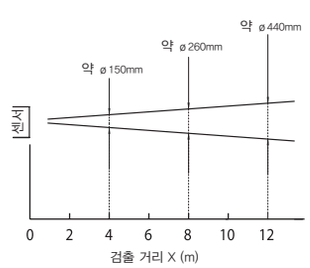
BGS-2V50



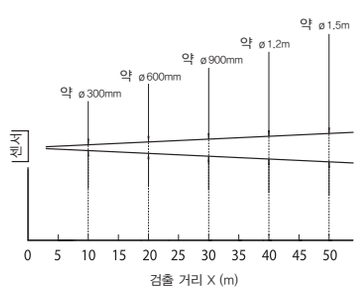
BGS-2V100



V2R-1200



V2T-7000

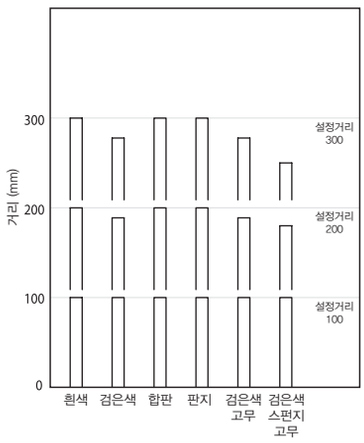


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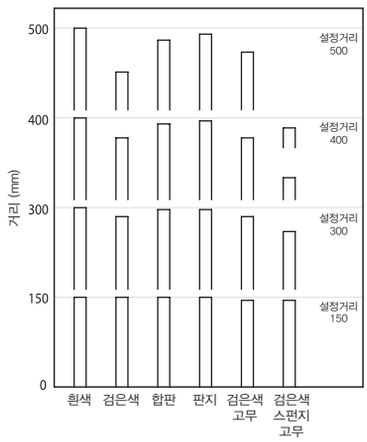
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재질 반응

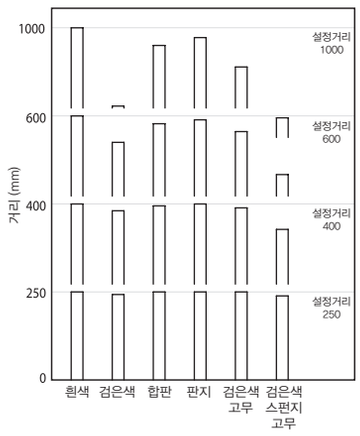
BGS-2V30



BGS-2V50

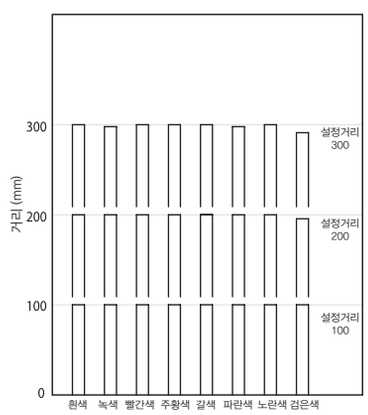


BGS-2V100

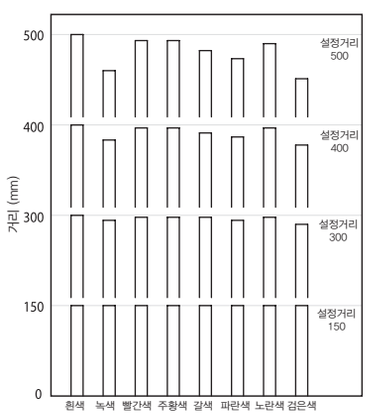


색상 반응

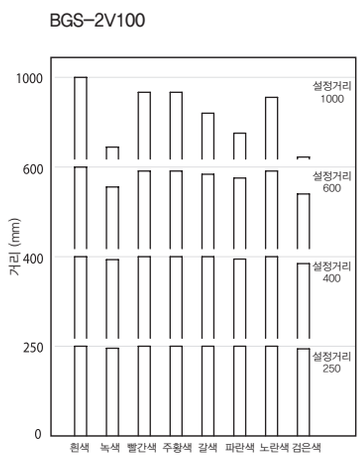
BGS-2V30



BGS-2V50

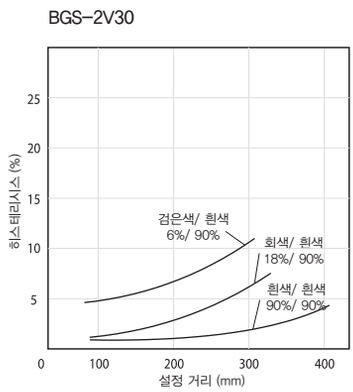


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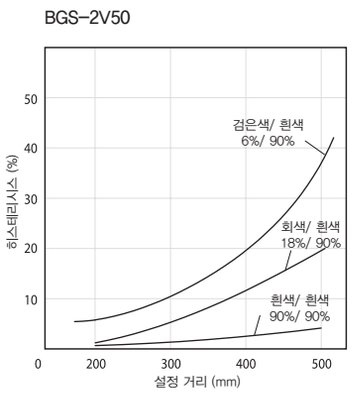


히스테리시스

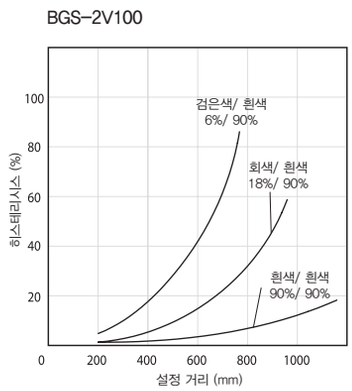
BGS-2V30



BGS-2V50



BGS-2V100



센서
변위 · 계측센서
머신비전
검사기기
기타

포토센서
C2 series
E series
J series
J2 series
J3 series
V series
V2 series
V3/V4 series
SR-Q series
S series
Z/BGS-Z series
Z2 series
Z3 series
Z-M/BGS-ZM series
K series
BGS-2S series
Y series
DM-18T series
MOFT, MOFR