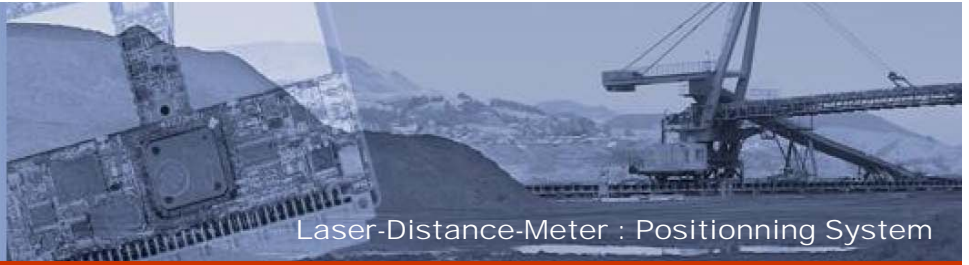


INDUSTRIAL LASER SENSOR

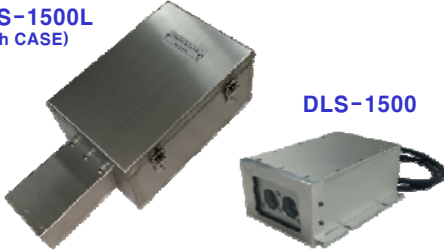
산업용 레이저 거리 센서

DLS-1500L



Laser-Distance-Meter : Positioning System

DLS-1500L
(with CASE)



DLS-1500

Key features

- Low Gain APD를 적용
→ 업계 최고의 DUST(먼지/수분) 투과율
- 칼만필터(Kalman Filter) 내장
→ 현팅 없는 안정적인 출력 제공
- 유/무선 네트워크 지원
→ 원격 설정 및 모니터링 가능
- 1mm 분해능, 1cm급 정밀도의 고성능 레이저
- NEMA-4, MIL-STD 신뢰성

DLS-1500L EX
(Flameproof Type Housing)



INDUSTRIAL LASER SENSOR

MODEL	DLS-1500	DLS-1500L
Laser Type	Wavelength: 905 nm (Infrared) Optic Sensor: Low-Gain-APD Laser Diode Eye Safety: Class I, 7mm (FDA, CFR21) Beam Divergence: 3 milliradians (~ 0.3 m @ 100 m)	
Measuring range (Max)	150M with 10% Gray Wall Targets 450M with White Wall Targets 1700M with Prism(Diamond Grade) Reflector	
Measuring Quality	Resolution: 1 [mm] Accuracy: ±1[cm] @0~150M, ±2[cm] @150~1500M	
Input/Output and Communications	Power Input: 24VDC (1.0A/Max) Data Interface: - Serial RS-232 Analog output: 4~20 mA	Power Input: 24VDC (2.0A/Max) Data Interface: - Serial RS-232 and RS-485 / Isolated Analog output: 4~20 mA / Isolated Network Interface: - Ethernet TCP/IP Controller (Optional) - Remote Configure and Monitoring
Environmental	Operating Temperature: -20 to +60 [° C] Humidity: 20% to 80% relative humidity	
Enclosure Housing	Sensor: 120 x 150 x 64 [mm] Aluminum Anodized	Housing: 200 x 450 x 150 [mm] SUS Outdoor / Dust proven



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