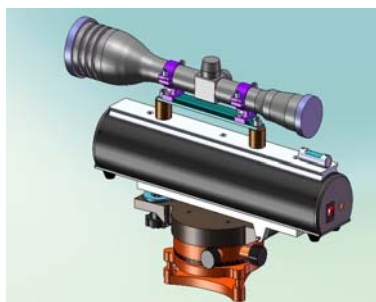


Tunnel Indicator Laser Module



Key Features

- Plug & Play
- Far Working Space
- Excellent Beam Profile
- High Point Stability
- Wide Variety of Mounting

Applications

- Mining Applications
- Fieldwork
- Orientation

The tunnel indicator laser module is a compact, reliable, rugged, uniquely designed alignment control system that utilizes a diode laser. The laser internal mechanisms use the highest quality aluminum, brass and stainless steel materials that are precisely machined. Circuit boards utilize top of-the-line electronic components. The tunnel laser enables accuracy and productivity in all alignment control situations.

This component does not comply with the Federal Regulations (21 CFR Subchapter1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer. The output light from this product is harmful to a human body even if it is invisible. Avoid looking at the output of this product directly, or through a lens during operation. Observance of operation should be through a TV camera or related equipment. Refer to IEC 825-1 and 21 CFR 1040.10-1040.11 as a radiation safety standard for laser products.

Specifications

	Condition	Min	Typ	Max	Unit
Optical Performance					
Wavelength	T=25 °C	520, 635			nm
Output Power	T=25 °C, CW	10~30			mW
Power stability	4hrs @ T=25 °C		1	3	%
Collimated Beam Parameters					
Beam size	@500m	40			mm
Alignment Scope		600			m
Electronics					
Power Supply			9		V
Power Consumption			3	10	W
Current(TEC)				2	A
Current(LD)				200	mA
Temperature Stability			0.2		°C
Control	ACC				
Power setting	0% ~ 100% output				
Environmental Conditions					
Operating Temperature		10		40	°C
Storage Temperature		0		50	°C

*The mechanical tolerance should be +/-0.2mm on all package dimensions unless otherwise custom specified

Ordering Information

For more information of our products, please contact factory directly or your local distributor via E-mail or phone.

