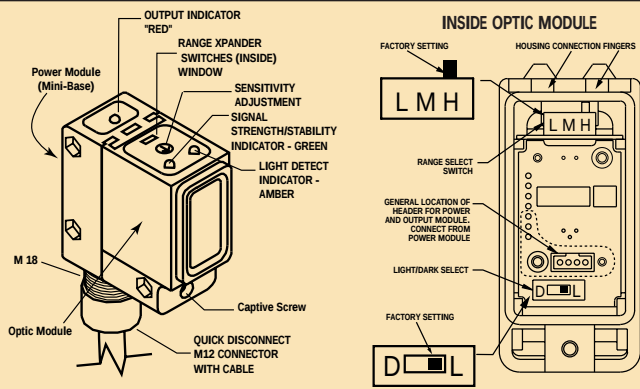


C2000 Private Eye Optic Module Features and Specifications

The Private Eye Optic Modules offer a compact design with high performance features.

- * **Sealed to withstand 1,200 psi wash-downs**
Benefit: An affordable solution for harsh duty environments.
- * **Two Performance Indicator LEDs provide full-feature alignment**
 - “True light” amber LED indicates target sensed - **presence**.
 - “Stability” green LED indicates signal strength - **alignment**.
 - Bright indicators are visible from 360 degrees.*Benefit:* Simplified monitoring of sensor performance
- * **Single-turn Sensitivity Adjuster is mechanically isolated**
 - Designed with end stops.*Benefit:* Prevents damage by over-torquing
- * **The SKAN-A-MATIC Unique Sensitivity Range Xpander features**
 - Three adjustable light intensity ranges: Low, Medium & High
 - Allows increased resolution of sensitivity, like a multi-turn pot.*Benefit:* Allows faster set-up and gives you a visual set point of the sensitivity adjustment; saves installation cost

Optic Module With Mini Base Power Module



- * **Easy access to inside switches:**
 - Light/Dark Operation Mode Switch
 - Sensitivity Range Xpander Low, Medium or High position is visible through the clear top cover.

Optic Modules

MODEL	SENSING MODE	RANGE	LIGHT SOURCE
C21000	RETRO-REFLECTIVE	30ft (9.2m)	IR – 880nm
C21101	POLARIZED RETRO	20ft (6.1m)	Visible Red – 660nm
C21200	DIFFUSE	10ft (3.1m)	IR – 880nm
C21300	GLASS FIBEROPTIC	See Page 8	IR – 880nm
C21301	GLASS FIBEROPTIC	See Page 8	Visible Red – 660nm
C21302	GLASS FIBEROPTIC	See Page 8	Visible Green – 530nm
C21303	GLASS FIBEROPTIC	See Page 8	Visible Blue – 472nm
C21500	THRUBEAM EMITTER	100ft (31m)	IR – 880nm
C21604	THRUBEAM RECEIVER	100ft (31m)	For IR – 880nm
C21501	THRUBEAM EMITTER	60ft (18m)	Visible Red – 660nm
C21605	THRUBEAM RECEIVER	60ft (18m)	For Visible Red – 660nm

Optic Module Specifications

Sensitivity Adjustment	1 rotation volume + Range Expander switch: 3 emitter power levels selectable (low, medium and high)
Indicator LEDS	Yellow =True Light Green =Stability Indicator
Operation Mode	Light / Dark Operation, Switch Selectable
Ambient Operation	Temperature: -20° to 70°C (-4° to 158°F) Relative Humidity: 35% to 85%
Light Immunity	5,000 LUX Incandescent lamp: 3,000 foot candle
Vibration Shock	10 to 55Hz amplitude 1.5mm X,Y,Z ea. 30 min 500 m/sec (30G) X,Y,Z ea. 6 times
Protection / Material	Designed to meet UL, NEMA 6, IP67 Fiberoptic Module: NEMA 4-Glass fiber reinforced plastic

THE C2000 PRIVATE EYE ALIGNMENT INDICATORS TELL YOU WHAT YOU NEED TO KNOW

Example: Output LED in Light Operate Mode. Opposite conditions occur in Dark Operate Mode

