

ILEE NEWS 06/04

New one way laser light barrier

Laser light barrier in M18 housing

High performance light barrier with well proven technology is now available in a new format. Prices have been adjusted to a lower level due to synergies in the production.



Characteristics:

- Fast reaction time
- Choice of response to light or dark signal
- Suppression of interfering light
- Switching mode indicator LED
- Long range
- Beam focus on sender can be adjusted
- Standardised M18 housing
- Straight or right angle execution
- Class of protection IP65

The light barrier LS02 requires a supply voltage of 12 ... 24VDC. Due its small dimensions and solid construction it can be used practically everywhere. The LS02 uses a visible laser beam as light source. This makes it very convenient to align the sender. The laser modulation of 455 kHz substantially increases the ability to suppress interfering light. The range exceeds 50m with a class 2 laser. A longer range of transmission is available upon request (higher output power with class 3R laser).

The output is via a short circuit protected PNP output, permitting a choice of response to light or dark signal (up to 200mA). Due to the use of a laser and the very short response time, the LS02 can be applied for data transmission, time measurement, positioning etc.

The receiver has a two colour equipment-on indicator to visually indicate the switching mode.

The LS02-Sender is focusable.

Straight execution LS02/M18 = Type 0072-03 / Right angle execution LS02/M18W = Type 0072-04



I.L.E.E. AG - CH 8902 Urdorf

Tel +41 (0)44 736 11 11, Fax +41 (0)44 736 11 12

E-mail: office@ilee.ch / Internet: www.ilee.ch