

Optical Beam Shutter Line

Solenoid Technology

Shutter D16 D1002

Miniature Optical Shutter D1

In the field of optical safety technology, Kendrion offers a compact miniature shutter based on our smallest rotary solenoid D1. This shutter is characterized by its high reliability and long lifetime of 10 million switching cycles. In addition, this shutter has a fast closing time from under 20 ms.

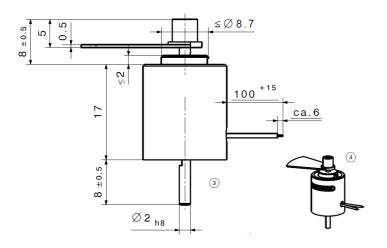
Due to the simple control, the D16 shutter is suitable for a variety of applications for interrupting light beams.

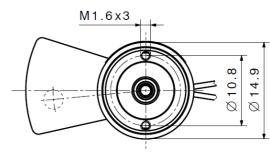
As a manufacturer of shutters and rotary solenoids for laser applications, Kendrion has developed a wealth of experience and individual solutions for customer applications.



Characteristics

- High lifetime
- Fast closing time
- Simple control
- Flexibility for customization





| Technical data ¹ | Shutter D16 / self-restoring |
|-----------------------------|---|
| Power supply | 12 V DC (other voltages on request) |
| Diameter magnet | 14.9 mm |
| Rotary angle | 65° (other angles 25°, 35°, 45° und 95° on request) |
| Closing time | ≤ 20 ms |
| Switching frequency | up to 5 Hz |
| Mechanical durability | 10 mio. switching cycles |
| Operating temperature | -5 °C +35 °C |
| Blade material | Polyamid (other on request) |
| Mounting | Mounting holes |

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