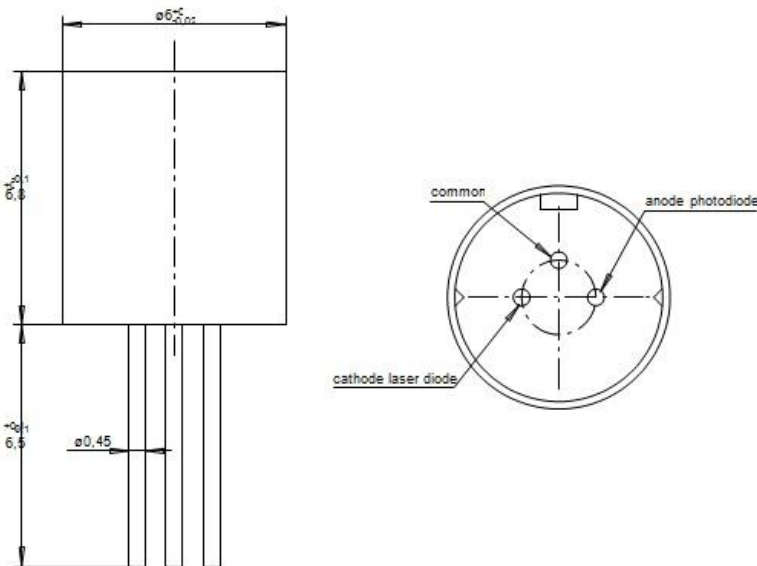


# LC12-micro



- ▶ **Low Cost**
- ▶ **Glass optic**
- ▶ **Temperature insensitive optic**
- ▶ **Dust protection integrated**
- ▶ **Brass case**
- ▶ **Suitable for fork light barriers and other applications in the industrial automation**

| Mechanical Parameter | Specification                  | Min.   | Typ.    | Max.  |
|----------------------|--------------------------------|--------|---------|-------|
| Diameter             |                                | 5.98mm |         | 6.0mm |
| Length               |                                |        |         | 6.8mm |
| Material             | Brass / black                  |        |         |       |
| Aperture hole        | Custom specific                |        | 0.8mm   |       |
| Aperture             | Brass / black                  |        |         |       |
| Optical Parameter    | Specification                  | Min.   | Typ.    | Max.  |
| Laser diode          | Arima (ADL-65075TL N-Type)     |        |         |       |
| Wavelength           |                                |        | 650nm   |       |
| Output power (LD)    |                                |        | 7mW     |       |
| Temperature          |                                | -10°C  |         | 70°C  |
| Lens, focal length   | Spheric glass lens             |        | 2.6mm   |       |
| Divergence           | Beam Diameter at 1m (elliptic) |        | 2 x 1mm |       |
| Beam deviation       |                                |        | 18mrad  |       |
| Temperatures         | Specification                  | Min.   | Typ.    | Max.  |
| Working Temperature  | Non-condensing                 | -10°C  |         | 70°C  |
| Storage Temperature  | Non-condensing                 | -40°C  |         | 85°C  |



- PROTECTED BY PATENT - Specifications are subject to change without notice.

STAPELFELDT electronic GmbH, Wedeler Landstraße 11/16, D-22559 Hamburg

Tel.: 040 / 81 96 06 34, Fax: 040 / 81 96 06 35

E-Mail: st@stapelfeldtelectronic.de, Internet: www.stapelfeldtelectronic.de