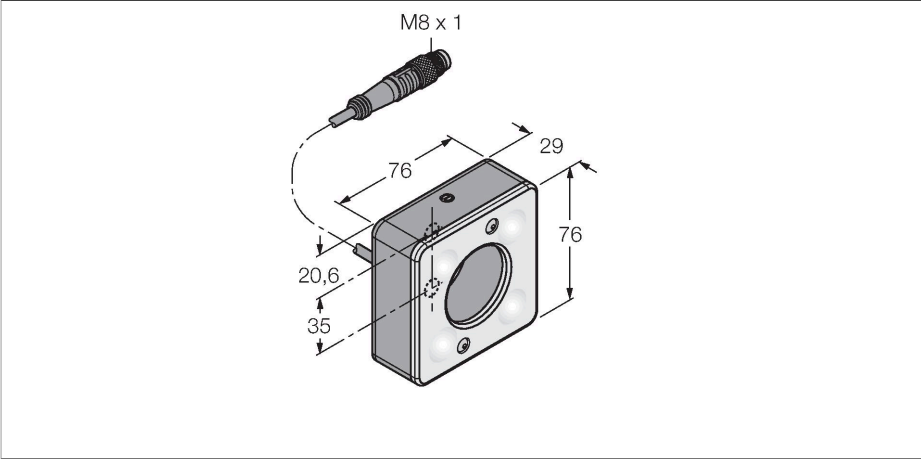


# LEDBR70XD5-XM

## Vision System – ring light



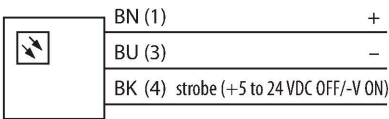
### Technical data

|                                    |                                          |
|------------------------------------|------------------------------------------|
| Type                               | LEDBR70XD5-XM                            |
| ID                                 | 3017309                                  |
| Signal and display data            |                                          |
| Purpose                            | Image processing                         |
| Function                           | Area light                               |
| Light type                         | Blue                                     |
| Wavelength                         | 465...485 nm                             |
| LED service life (L70)             | 50000 h                                  |
| Features of color 1                | Blue                                     |
| Electrical data                    |                                          |
| Operating voltage                  | 24 VDC                                   |
| DC rated operational current       | ≤ 350 mA                                 |
| Max. current consumption per color | 350 mA                                   |
| Mechanical data                    |                                          |
| Design                             | Rectangular                              |
| Dimensions                         | 76.2 x 76.2 x 38.7 mm                    |
| Housing material                   | Metal, Anodized AL                       |
| Window material                    | Acrylic, diffuse                         |
| Electrical connection              | Cable with connector, M8 × 1, 0.3 m, PVC |
| Number of cores                    | 3                                        |
| Ambient temperature                | 0...+50 °C                               |
| Protection class                   | IP50                                     |
| Tests/approvals                    |                                          |
| Approvals                          | CE, cULus listed                         |

### Features

- High-Intensity
- Protection class: IP50
- Color: blue
- Power supply: 24 VDC
- Pigtail M8x1, 0.3m

### Wiring diagram



### Functional principle

Directly mounted to the sensor for easy setup. Illumination of objects directly in front of the sensor.