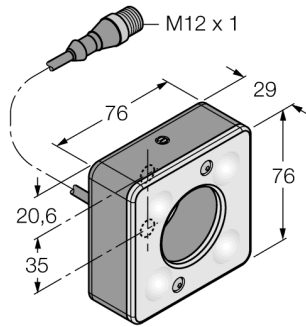


# Vision System ring light LEDIR70XD5-PQ



- High-Intensity
- Protection class: IP50
- Color: infrared
- Light intensity, adjustable
- Power supply: 24 VDC
- Pigtail M12x1, 0.15 m

## Wiring Diagram

|  |                                |   |
|--|--------------------------------|---|
|  | BN (1)                         | + |
|  | BU (3)                         | - |
|  | WH (2) strobe (+)              |   |
|  | BK (4) strobe (-)              |   |
|  | GY (5) active high/ active low |   |

## Functional principle

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

|                                    |                                 |
|------------------------------------|---------------------------------|
| Type                               | LEDIR70XD5-PQ                   |
| ID                                 | 3017378                         |
| Signal and display data            |                                 |
| Purpose                            | Image processing                |
| Function                           | Area light                      |
| Light type                         | IR                              |
| Wavelength                         | 850...940 nm                    |
| LED service life (L70)             | 50000 h                         |
| Dimmable                           | Yes                             |
| Electrical data                    |                                 |
| Operating voltage $U_o$            | 24 VDC                          |
| DC rated operating current $I_o$   | ≤ 350 mA                        |
| Max. current consumption per color | 350 mA                          |
| Mechanical data                    |                                 |
| Design                             | Rectangular                     |
| Housing material                   | Metal, Anodized AL              |
| Window material                    | Acrylic, diffuse                |
| Electrical connection              | Connector, M12 × 1, 0.15 m, PVC |
| Number of cores                    | 5                               |
| Ambient temperature                | 0...+50 °C                      |
| Protection class                   | IP50                            |
| Tests/approvals                    |                                 |
| Approvals                          | CE, cULus listed                |