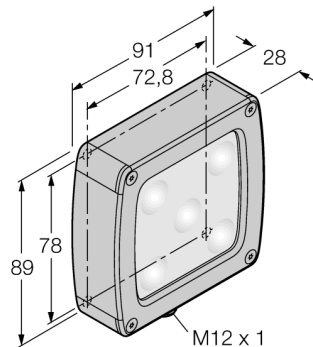


# Vision System

## Area Light

### LEDIA70AD5-XQ



- Sealed aluminium housing
- Protection class: IP68
- Color: infrared
- Power supply: 24 VDC
- M12 x 1 male
- Plastic window, opaque

#### Wiring Diagram

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

#### Functional principle

Area lights are perfectly suited for uniform illumination of a determined area.

|                                    |                               |
|------------------------------------|-------------------------------|
| Type                               | LEDIA70AD5-XQ                 |
| ID                                 | 3016160                       |
| Signal and display data            |                               |
| Purpose                            | Image processing              |
| Function                           | Area light                    |
| Light type                         | IR                            |
| Wavelength                         | 850...940 nm                  |
| LED service life (L70)             | 50000 h                       |
| Special features                   | Wash down                     |
| Electrical data                    |                               |
| Operating voltage $U_o$            | 24 VDC                        |
| DC rated operating current $I_o$   | ≤ 350 mA                      |
| Max. current consumption per color | 500 mA                        |
| Mechanical data                    |                               |
| Design                             | Rectangular                   |
| Housing material                   | Metal, Nickel-plated aluminum |
| Window material                    | Plastic, diffuse              |
| Electrical connection              | Connector, M12 × 1, PVC       |
| Number of cores                    | 5                             |
| Ambient temperature                | 0...+50 °C                    |
| Protection class                   | IP68                          |
| Tests/approvals                    |                               |
| Approvals                          | CE, cULus listed              |