

24 Beam, Output 2 PNP NO

All dimensions are in mm.

**General Specification**

|                        |                |
|------------------------|----------------|
| No of Beams            | 24             |
| Beam Axis Pitch        | 20 mm          |
| Detection Zone         | 460 mm         |
| Min. Detectable Object | 25 mm (Opaque) |
| Operating Distance     | 0.1 ... 5.0 m  |
| Degree of Protection   | IP65           |

**Mechanical Specification**

|                       |                               |
|-----------------------|-------------------------------|
| Housing Size          | 590.0 x 45.5 x 45.5 mm        |
| Housing Material      | Aluminum Powder Coated Yellow |
| Mounting              | Through Clamp                 |
| Termination           | 4 Pin M12 Male Connector      |
| Operating Temperature | 0°C ... 50°C                  |
| Storage Temperature   | 0°C ... 60°C                  |

**Electrical Specification**

|                          |                                  |
|--------------------------|----------------------------------|
| Operating Voltage        | 24 V DC $\pm$ 20%                |
| Residual Voltage         | <2 V DC                          |
| Current Consumption      | 215 mA                           |
| Output                   | 2 PNP NO                         |
| Response Time            | <20 ms                           |
| Output Reset Time        | <500 $\mu$ s                     |
| Output Current           | 200 mA                           |
| Leakage Current          | 0 mA                             |
| Emitting Element         | Infrared LED (880 nm)            |
| Effective Aperture Angle | $\pm$ 15°                        |
| Protection               | Short Circuit & Reverse Polarity |
| Indication               | Power ON, Ready, O/P ON, Wait    |

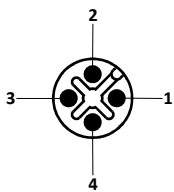
**Connection Detail**

| Transmitter |             |
|-------------|-------------|
| Pin No.     | Detail      |
| 1           | 24 V DC (+) |
| 2           |             |
| 3           | GND         |
| 4           |             |

| Receiver |             |
|----------|-------------|
| Pin No.  | Detail      |
| 1        | 24 V DC (+) |
| 2        | PNP NO      |
| 3        | GND         |
| 4        | PNP NO      |

**Pin Diagram**



Specifications are subject to change without notice.

