



**Part Number :** [1202540065](#)

**Product Description :** Contrinex Photoelectric Sensor, 4mm Diameter Smooth Housing, Through-Beam (Receiver), 250mm Operating Distance, PNP, Dark-ON, 3-pin M8 Connector, 45mm Housing Length

**Series Number :** 120254

**Status :** Active

**Product Category :** Inductive and Photoelectric Sensors

**Engineering Number :** LLR-D04MA-NMS-404



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## Documents & Resources

### Specifications

[1202540062-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                  |
| China RoHS         |   |
| EU ELV             | Not Relevant                                  |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21               |
| REACH SVHC         | Not Reviewed per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS            | Compliant per EU 2015/863                     |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Part Details

### General

|                     |   |
|---------------------|---|
| Status              | Active  |
| Category            | Inductive and Photoelectric Sensors   |
| Series              | 120254  |
| Description         | Contrinex Photoelectric Sensor, 4mm Diameter Smooth Housing, Through-Beam (Receiver), 250mm Operating Distance, PNP, Dark-ON, 3-pin M8 Connector, 45mm Housing Length |
| IP Rating           | IP67  |
| Operating Principle | Through-Beam (Receiver)   |
| Product Name        | Contrinex   |
| Type                | Photoelectric   |
| UPC                 | 191130067510  |

### Electrical

|                     |          |
|---------------------|----------|
| Output              | Dark-ON  |
| Polarity            | PNP      |
| Switching Frequency | ≤ 250 Hz |

### Physical

|                               |                       |
|-------------------------------|-----------------------|
| Connection                    | Connector (M8, 3-pin) |
| Length                        | 45mm                  |
| Material - Housing            | Stainless Steel       |
| Material - Window             | Glass                 |
| Operating Distance            | 250mm                 |
| Output                        | Dark-ON               |
| Sensor Housing Size           | 4mm dia. (smooth)     |
| Temperature Range - Operating | 0° to +55°C           |