



**Part Number :** [1202540107](#)  
**Product Description :** Contrinex Photoelectric Sensor, M12 Housing, Through-Beam (Receiver), 10000mm Operating Distance, PNP, Light-ON, 2m 3-wire PVC Cable, 50mm Housing Length  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LLK-1120-203



## Documents & Resources

**Specifications**  
[1202540106-000.pdf](#)

## 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)6225-DC (07 Nov 2024)                                         |
| EU RoHS            | Compliant with Exemption 6(c) 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, M12 Housing, Through-Beam (Receiver), 10000mm Operating Distance, PNP, Light-ON, 2m 3-wire PVC Cable, 50mm Housing Length |
| IP Rating           | IP67                                                                                                                                                      |
| Operating Principle | Through-Beam (Receiver)                                                                                                                                   |
| Product Name        | Contrinex                                                                                                                                                 |
| Type                | Photoelectric                                                                                                                                             |
| UPC                 | 191130068333                                                                                                                                              |

### Electrical

|                     |           |
|---------------------|-----------|
| Output              | Light-ON  |
| Polarity            | PNP       |
| Switching Frequency | ≤ 1000 Hz |

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Length                        | 50mm                   |
| Material - Housing            | Chrome Plated Brass    |
| Material - Window             | Glass                  |
| Operating Distance            | 10000mm                |
| Output                        | Light-ON               |
| Sensor Housing Size           | M12                    |
| Temperature Range - Operating | -25° to +55°C          |