



Part Number : 1202540000

Series Number : 120254

Product Category : Inductive and Photoelectric Sensors

Product Description : Contrinex Photoelectric Sensor, C12 (13.5 x 21.8mm) Housing, Through-Beam (Receiver), 0 - 2000mm Operating Distance, PNP, Dark-ON, 2m 3-wire PVC Cable

Status : Active

Engineering Number : LLR-C12PA-NMK-304

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## Documents & Resources

### Specifications

[Product Specification 1202540000-000.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)4144-DC (27 June 2024)  |
| 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)

### EU RoHS Certificate of Compliance

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## Part Details

## General

|                     |  |
|---------------------|--|
| Status              | Active   |
| Category            | Inductive and Photoelectric Sensors  |
| Series              | 120254   |
| Description         | Contrinex Photoelectric Sensor, C12 (13.5 x 21.8mm) Housing, Through-Beam (Receiver), 0 - 2000mm Operating Distance, PNP, Dark-ON, 2m 3-wire PVC Cable |
| IP Rating           | IP67   |
| Operating Principle | Through-Beam (Receiver)  |
| Product Family      | Contrinex Inductive and Photoelectric Sensors  |
| Product Name        | Contrinex  |
| Type                | Photoelectric  |
| UPC                 | 191130066162   |

## Electrical

|                     |          |
|---------------------|----------|
| Polarity            | PNP      |
| Switching Frequency | ≤ 800 Hz |

## Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Housing Size                  | 13.5 x 21.8mm          |
| Material - Housing            | ABS                    |
| Material - Window             | PMMA                   |
| Operating Distance            | 0 - 2000mm             |
| Output                        | Dark-ON                |
| Sensor Housing Size           | C12                    |
| Temperature Range - Operating | -20° to +50°C          |