



**Part Number :** [1202540018](#)  
**Product Description :** Contrinex Photoelectric Sensor, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, PNP, Light-ON, Potentiometer Sensitivity Adjustment, 2m 3-wire PVC Cable  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LHR-C12PA-PLK-303



## Documents & Resources

**Specifications**  
[1202540018-000.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 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, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, PNP, Light-ON, Potentiometer Sensitivity Adjustment, 2m 3-wire PVC Cable |
| IP Rating           | IP67  |
| Operating Principle | Background Suppression  |
| Product Name        | Contrinex   |
| Type                | Photoelectric   |
| UPC                 | 191130066544  |

### Electrical

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

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Housing Size                  | 13.5 X 27.5mm          |
| Material - Housing            | ABS                    |
| Material - Window             | PMMA                   |
| Operating Distance            | 2 - 120mm              |
| Output                        | Light-ON               |
| Sensor Housing Size           | C12                    |
| Temperature Range - Operating | 0° to +55°C            |