



Part Number : [1202540042](#)

Product Description : Contrinex Photoelectric Sensor, C23 (20 x 30mm) Housing, Background Suppression, 10 - 300mm Operating Distance, PNP, Changeover/IOL, Potentiometer Sensitivity Adjustment, 2m 4-wire PVC Cable

Series Number : 120254

Status : Active

Product Category : Inductive and Photoelectric Sensors

Engineering Number : LHR-C23PA-PMK-603



## Documents & Resources

### Specifications

[1202540042-000.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)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, C23 (20 x 30mm) Housing, Background Suppression, 10 - 300mm Operating Distance, PNP, Changeover/IOL, Potentiometer Sensitivity Adjustment, 2m 4-wire PVC Cable |
| IP Rating           | IP67   |
| Operating Principle | Background Suppression   |
| Product Name        | Contrinex  |
| Type                | Photoelectric  |
| UPC                 | 191130066988   |

### Electrical

|                     |                |
|---------------------|----------------|
| Output              | Changeover/IOL |
| Polarity            | PNP            |
| Switching Frequency | ≤ 1000 Hz      |

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 4-wire) |
| Housing Size                  | 20 x 30mm              |
| Material - Housing            | ABS                    |
| Material - Window             | PMMA                   |
| Operating Distance            | 10 - 300mm             |
| Output                        | Changeover/IOL         |
| Sensor Housing Size           | C23                    |
| Temperature Range - Operating | -25° to +65°C          |