



**Part Number :** [1202540135](#)  
**Product Description :** Contrinex Photoelectric Sensor, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, NPN, Changeover, Potentiometer Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LHR-M18PA-PMS-101



## Documents & Resources

**Specifications**  
[1202540132-000.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 Contained per D(2022)4187-DC (10 June 2022) |
| 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, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, NPN, Changeover, Potentiometer Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length |
| IP Rating           | IP67                                                                                                                                                                                                        |
| Operating Principle | Background Suppression                                                                                                                                                                                      |
| Product Name        | Contrinex                                                                                                                                                                                                   |
| Type                | Photoelectric                                                                                                                                                                                               |
| UPC                 | 191130068913                                                                                                                                                                                                |

### Electrical

|                     |            |
|---------------------|------------|
| Output              | Changeover |
| Polarity            | NPN        |
| Switching Frequency | ≤ 700 Hz   |

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Connector (M12, 4-pin) |
| Length                        | 37mm                   |
| Material - Housing            | ABS                    |
| Material - Window             | PMMA                   |
| Net Weight                    | 99.000/g               |
| Operating Distance            | 10 - 250mm             |
| Output                        | Changeover             |
| Sensor Housing Size           | M18                    |
| Temperature Range - Operating | -25° to +55°C          |

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