



Part Number : [1202540130](#)

Product Description : Contrinex Photoelectric Sensor, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, PNP, Changeover/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length

Series Number : 120254

Status : Active

Product Category : Inductive and Photoelectric Sensors

Engineering Number : LHR-M18PA-TMS-603



Documents & Resources

Specifications

[1202540128-000.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, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, PNP, Changeover/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length |
| IP Rating | IP67 |
| Operating Principle | Background Suppression |
| Product Name | Contrinex |
| Type | Photoelectric |
| UPC | 191130068760 |

Electrical

| | |
|---------------------|----------------|
| Output | Changeover/IOL |
| Polarity | PNP |
| Switching Frequency | ≤ 700 Hz |

Physical

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