



Part Number : [1202540065](#)
Product Description : Contrinex Photoelectric Sensor, 4mm Diameter Smooth Housing, Through-Beam (Receiver), 250mm Operating Distance, PNP, Dark-ON, 3-pin M8 Connector, 45mm Housing Length
Series Number : 120254
Status : Active
Product Category : Inductive and Photoelectric Sensors
Engineering Number : LLR-D04MA-NMS-404



Documents & Resources

Specifications
[1202540062-000.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, 4mm Diameter Smooth Housing, Through-Beam (Receiver), 250mm Operating Distance, PNP, Dark-ON, 3-pin M8 Connector, 45mm Housing Length |
| IP Rating | IP67 |
| Operating Principle | Through-Beam (Receiver) |
| Product Name | Contrinex |
| Type | Photoelectric |
| UPC | 191130067510 |

Electrical

| | |
|---------------------|----------|
| Output | Dark-ON |
| Polarity | PNP |
| Switching Frequency | ≤ 250 Hz |

Physical

| | |
|-------------------------------|-----------------------|
| Connection | Connector (M8, 3-pin) |
| Length | 45mm |
| Material - Housing | Stainless Steel |
| Material - Window | Glass |
| Operating Distance | 250mm |
| Output | Dark-ON |
| Sensor Housing Size | 4mm dia. (smooth) |
| Temperature Range - Operating | 0° to +55°C |