



**Part Number :** [1202540062](#)  
**Product Description :** Contrinex Photoelectric Sensor, 4mm Diameter Smooth Housing, Through-Beam (Receiver), 250mm Operating Distance, NPN, Dark-ON, 2m 3-wire PVC Cable, 35mm Housing Length  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LLR-D04MA-NMK-302



## 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, NPN, Dark-ON, 2m 3-wire PVC Cable, 35mm Housing Length
IP Rating	IP67
Operating Principle	Through-Beam (Receiver)
Product Name	Contrinex
Type	Photoelectric
UPC	191130067381

### Electrical

Output	Dark-ON
Polarity	NPN
Switching Frequency	≤ 250 Hz

### Physical

Connection	Cable (PVC 2m, 3-wire)
Length	35mm
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