



**Part Number :** [1202540104](#)

**Product Description :** Contrinex Photoelectric Sensor, M12 Housing, Reflex, 1500mm Operating Distance, NPN, Dark-ON, 4-pin M12 Connector, 60mm Housing Length

**Series Number :** 120254

**Status :** Active

**Product Category :** Inductive and Photoelectric Sensors

**Engineering Number :** LRS-1120-302



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## Documents & Resources

### Specifications

[1202540102-000.pdf](#)

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## 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 with Exemption 6(c) 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, M12 Housing, Reflex, 1500mm Operating Distance, NPN, Dark-ON, 4-pin M12 Connector, 60mm Housing Length
IP Rating	IP67
Operating Principle	Reflex
Product Name	Contrinex
Type	Photoelectric
UPC	191130068203

### Electrical

Output	Dark-ON
Polarity	NPN
Switching Frequency	≤ 1000 Hz

### Physical

Connection	Connector (M12, 4-pin)
Length	60mm
Material - Housing	Chrome Plated Brass
Material - Window	Glass
Operating Distance	1500mm
Output	Dark-ON
Sensor Housing Size	M12
Temperature Range - Operating	-25° to +55°C