



**Part Number :** [1202540012](#)  
**Product Description :** Contrinex Photoelectric Sensor, C12 (13.5 x 21.8mm) Housing, Background Suppression, 1 - 18mm Operating Distance, PNP, Light-ON, 0.2m 3-wire PVC Cable, 3-pin M8 Connector  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LHR-C12PA-NSV-303



## Documents & Resources

**Specifications**  
[1202540010-000.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, C12 (13.5 x 21.8mm) Housing, Background Suppression, 1 - 18mm Operating Distance, PNP, Light-ON, 0.2m 3-wire PVC Cable, 3-pin M8 Connector
IP Rating	IP67
Operating Principle	Background Suppression
Product Name	Contrinex
Type	Photoelectric
UPC	191130066384

### Electrical

Output	Light-ON
Polarity	PNP
Switching Frequency	≤ 800 Hz

### Physical

Connection	Cable (PVC 0.2m, 3-wire), Connector (M8, 3-pin)
Housing Size	13.5 x 21.8mm
Material - Housing	ABS
Material - Window	PMMA
Operating Distance	1 - 18mm
Output	Light-ON
Sensor Housing Size	C12
Temperature Range - Operating	-20° to +50°C