



Part Number : 1202540021

Series Number : 120254

Product Category : Inductive and Photoelectric Sensors

Product Description : Contrinex Photoelectric Sensor, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, NPN, Light-ON, Potentiometer Sensitivity Adjustment, 0.2m 3-wire PVC Cable, 3-pin M8 Connector

Status : Active

Engineering Number : LHR-C12PA-PLV-301

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## Documents & Resources


### Specifications

Product Specification 1202540018-000.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)4144-DC (27 June 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)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Inductive and Photoelectric Sensors
Series	120254
Description	Contrinex Photoelectric Sensor, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, NPN, Light-ON, Potentiometer Sensitivity Adjustment, 0.2m 3-wire PVC Cable, 3-pin M8 Connector
IP Rating	IP67
Operating Principle	Background Suppression
Product Family	Contrinex Inductive and Photoelectric Sensors
Product Name	Contrinex
Type	Photoelectric
UPC	191130066575

### Electrical

Polarity	NPN
Switching Frequency	≤ 800 Hz

### Physical

Connection	Cable (PVC 0.2m, 3-wire), Connector (M8, 3-pin)
Housing Size	13.5 X 27.5mm
Material - Housing	ABS
Material - Window	PMMA
Operating Distance	2 - 120mm
Output	Light-ON
Sensor Housing Size	C12
Temperature Range - Operating	0° to +55°C