



Part Number : [1202540100](#)

Product Description : Contrinex Photoelectric Sensor, M12 Housing, Diffuse, 70 - 300mm Operating Distance, NPN, Light-ON, Potentiometer Sensitivity Adjustment, 4-pin M12 Connector, 60mm Housing Length

Series Number : 120254

Status : Active

Product Category : Inductive and Photoelectric Sensors

Engineering Number : LTS-1120-301



Documents & Resources

Specifications

[1202540098-000.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)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, Diffuse, 70 - 300mm Operating Distance, NPN, Light-ON, Potentiometer Sensitivity Adjustment, 4-pin M12 Connector, 60mm Housing Length
IP Rating	IP67
Operating Principle	Diffuse
Product Name	Contrinex
Type	Photoelectric
UPC	191130068166

Electrical

Output	Light-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	70 - 300mm
Output	Light-ON
Sensor Housing Size	M12
Temperature Range - Operating	-25° to +55°C