



**Part Number :** [1202540092](#)  
**Product Description :** Contrinex Photoelectric Sensor, M5 Housing, Diffuse, 20mm Operating Distance, NPN, Light-ON, 3-pin M8 Connector, 45mm Housing Length  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LTR-M05MA-NMS-301



Documents & Resources

Specifications  
[1202540090-000.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, M5 Housing, Diffuse, 20mm Operating Distance, NPN, Light-ON, 3-pin M8 Connector, 45mm Housing Length
IP Rating	IP67
Operating Principle	Diffuse
Product Name	Contrinex
Type	Photoelectric
UPC	191130067985

### Electrical

Polarity	NPN
Switching Frequency	≤ 250 Hz

### Physical

Connection	Connector (M8, 3-pin)
Length	45mm
Material - Housing	Stainless Steel
Material - Window	Sapphire
Operating Distance	20mm
Output	Light-ON
Sensor Housing Size	M5
Temperature Range - Operating	0° to +55°C