



**Part Number :** [1202540131](#)  
**Product Description :** Contrinex Photoelectric Sensor, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, NPN, Changeover, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** LHR-M18PA-TMS-101




## Documents & Resources

**Specifications**  
[1202540128-000.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, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, NPN, Changeover, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length
IP Rating	IP67
Operating Principle	Background Suppression
Product Name	Contrinex
Type	Photoelectric
UPC	191130068777

### Electrical

Output	Changeover
Polarity	NPN
Switching Frequency	≤ 700 Hz

### Physical

Connection	Connector (M12, 4-pin)
Length	37mm
Material - Housing	ABS
Material - Window	PMMA
Operating Distance	10 - 250mm
Output	Changeover
Sensor Housing Size	M18
Temperature Range - Operating	-25° to +55°C