



Part Number : [1202540130](#)

Product Description : Contrinex Photoelectric Sensor, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, PNP, Changeover/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length

Series Number : 120254

Status : Not Recommended For New Design

Product Category : Inductive and Photoelectric Sensors

Engineering Number : LHR-M18PA-TMS-603



Documents & Resources

Specifications

[1202540128-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
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 per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Not Recommended For New Design
Category	Photoelectric Sensors
Series	120254
Description	Contrinex Photoelectric Sensor, M18 Plastic Housing, Background Suppression, 10 - 250mm Operating Distance, PNP, Changeover/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector, 37mm Housing Length
IP Rating	IP67
Operating Principle	Background Suppression
Product Name	Contrinex
Type	Photoelectric
UPC	191130068760

Electrical

Output	Changeover/IOL
Polarity	PNP
Switching Frequency	≤ 700 Hz

Physical

Connection	Connector (M12, 4-pin)
Length	37mm
Material - Housing	ABS

Material - Window	PMMA
Operating Distance	10 - 250mm
Output	Changeover/IOL
Sensor Housing Size	M18
Temperature Range - Operating	-25° to +55°C

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