



**Part Number :** [1202530353](#)  
**Product Description :** Contrinex Inductive Sensor, 6.5mm Diameter Smooth Housing, 2mm Operating Distance, Embeddable, PNP, NC, 4-pin M12 Connector, 45mm Housing Length  
**Series Number :** 120253  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** DW-AS-624-065




## Documents & Resources

**Specifications**  
[1202530342-000.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	120253
Description	Contrinex Inductive Sensor, 6.5mm Diameter Smooth Housing, 2mm Operating Distance, Embeddable, PNP, NC, 4-pin M12 Connector, 45mm Housing Length
IP Rating	IP67
Product Name	Contrinex
Type	Inductive
UPC	191130065585

Electrical

Output	NC
Polarity	PNP
Switching Frequency	≤ 5000 Hz

Physical

Connection	Connector (M12, 4-pin)
Length	45mm
Material - Housing	Stainless Steel
Material - Sensing Face	PA12
Mounting Style	Embeddable
Operating Distance	2mm
Output	NC
Sensor Housing Size	6.5mm dia. (smooth)
Temperature Range - Operating	-25° to +70°C