



**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



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## Documents & Resources

### Specifications

[1202530342-000.pdf](#)

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## 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 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          |