



**Part Number :** [1202530020](#)

**Product Description :** Contrinex Inductive Sensor, M8 Housing, 3mm Operating Distance, Embeddable, NPN, NO, 4-pin M12 Connector, 66mm Housing Length

**Series Number :** 120253

**Status :** Active

**Product Category :** Inductive and Photoelectric Sensors

**Engineering Number :** DW-AS-501-M8



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## Documents & Resources


### Specifications

[1202530012-000.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         | Contains Lead per D(2022)9120-DC (17 Jan 2023)  |
| EU RoHS            | Compliant with Exemption 6(c) 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, M8 Housing, 3mm Operating Distance, Embeddable, NPN, NO, 4-pin M12 Connector, 66mm Housing Length |
| IP Rating    | IP67  |
| Product Name | Contrinex   |
| Type         | Inductive   |
| UPC          | 191130061907  |

### Electrical

|                     |           |
|---------------------|-----------|
| Output              | NO        |
| Polarity            | NPN       |
| Switching Frequency | ≤ 1000 Hz |

### Physical

|                               |                             |
|-------------------------------|-----------------------------|
| Connection                    | Connector (M12, 4-pin)      |
| Length                        | 66mm                        |
| Material - Housing            | Chrome Plated Nickel Silver |
| Material - Sensing Face       | PBTP (PPS)                  |
| Mounting Style                | Embeddable                  |
| Net Weight                    | 344.000/g                   |
| Operating Distance            | 3mm                         |
| Output                        | NO                          |
| Sensor Housing Size           | M8                          |
| Temperature Range - Operating | -25° to +70°C               |