



**Part Number :** [1202530100](#)  
**Product Description :** Contrinex Inductive Sensor, M12 Housing, 10mm Operating Distance, Non-embeddable, NPN, NO, 2m 3-wire PVC Cable, 35mm Housing Length  
**Series Number :** 120253  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** DW-AD-511-M12-120



## Documents & Resources

**Specifications**  
[1202530100-000.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 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, M12 Housing, 10mm Operating Distance, Non-embeddable, NPN, NO, 2m 3-wire PVC Cable, 35mm Housing Length |
| IP Rating    | IP67  |
| Product Name | Contrinex   |
| Type         | Inductive   |
| UPC          | 191130062706  |

### Electrical

|                     |          |
|---------------------|----------|
| Output              | NO       |
| Polarity            | NPN      |
| Switching Frequency | ≤ 400 Hz |

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Length                        | 35mm                   |
| Material - Housing            | Chrome Plated Brass    |
| Material - Sensing Face       | PBTP (PPS)             |
| Mounting Style                | Non-embeddable         |
| Operating Distance            | 10mm                   |
| Output                        | NO                     |
| Sensor Housing Size           | M12                    |
| Temperature Range - Operating | -25° to +70°C          |