



**Part Number :** [1202530514](#)  
**Product Description :** Contrinex Inductive Sensor,  
4mm Diameter Smooth Housing, 1.5mm Operating  
Distance, Embeddable, NPN, NO, 2m 3-wire PVC Cable,  
25mm Housing Length  
**Series Number :** 120253  
**Status :** Not Recommended For New Design  
**Product Category :** Inductive and Photoelectric  
Sensors  
**Engineering Number :** DW-AD-621-04

Documents & Resources

Specifications

[1202530514-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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<br>(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

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**Part Details**

**General**

|              |                                                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                                                                                   |
| Category     | Inductive Sensors                                                                                                                                |
| Series       | 120253                                                                                                                                           |
| Description  | Contrinex Inductive Sensor, 4mm Diameter Smooth Housing, 1.5mm Operating Distance, Embeddable, NPN, NO, 2m 3-wire PVC Cable, 25mm Housing Length |
| IP Rating    | IP67                                                                                                                                             |
| Product Name | Contrinex                                                                                                                                        |
| Type         | Inductive                                                                                                                                        |
| UPC          | 191130068890                                                                                                                                     |

**Electrical**

|                     |           |
|---------------------|-----------|
| Output              | NO        |
| Polarity            | NPN       |
| Switching Frequency | ≤ 3000 Hz |

**Physical**

|                         |                        |
|-------------------------|------------------------|
| Connection              | Cable (PVC 2m, 3-wire) |
| Length                  | 25mm                   |
| Material - Housing      | Stainless Steel        |
| Material - Sensing Face | POM                    |
| Mounting Style          | Embeddable             |
| Operating Distance      | 1.5mm                  |
| Output                  | NO                     |

|                               |                   |
|-------------------------------|-------------------|
| Sensor Housing Size           | 4mm dia. (smooth) |
| Temperature Range - Operating | -25° to +70°C     |