



**Part Number :** [1202530040](#)  
**Product Description :** Contrinex Inductive Sensor, M12 Housing, 6mm Operating Distance, Quasi-embeddable, NPN, NO, 4-pin M12 Connector, 60mm Housing Length  
**Series Number :** 120253  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** DW-AS-501-M12



## Documents & Resources

**Specifications**  
[1202530036-000.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         | 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, M12 Housing, 6mm Operating Distance, Quasi-embeddable, NPN, NO, 4-pin M12 Connector, 60mm Housing Length |
| IP Rating    | IP67                                                                                                                                 |
| Product Name | Contrinex                                                                                                                            |
| Type         | Inductive                                                                                                                            |
| UPC          | 191130062102                                                                                                                         |

### Electrical

|                     |          |
|---------------------|----------|
| Output              | NO       |
| Polarity            | NPN      |
| Switching Frequency | ≤ 800 Hz |

### Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Connector (M12, 4-pin) |
| Length                        | 60mm                   |
| Material - Housing            | Chrome Plated Brass    |
| Material - Sensing Face       | PBTP (PPS)             |
| Mounting Style                | Quasi-embeddable       |
| Net Weight                    | 99.000/g               |
| Operating Distance            | 6mm                    |
| Output                        | NO                     |
| Sensor Housing Size           | M12                    |
| Temperature Range - Operating | -25° to +70°C          |