



**Part Number :** [1202530161](#)  
**Product Description :** Contrinex Inductive Sensor, M30 Housing, 0 - 20mm Operating Distance, Quasi-embeddable, Analog, 0 - 10V Output, 4-pin M12 Connector, 73.5mm Housing Length  
**Series Number :** 120253  
**Status :** Not Recommended For New Design  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** DW-AS-509-M30-390



Documents & Resources

Specifications

[1202530158-000.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 with Exemption 6(c) per<br>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

## Part Details

### General

|              |                                                                                                                                                            |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                                                                                             |
| Category     | Inductive Sensors                                                                                                                                          |
| Series       | 120253                                                                                                                                                     |
| Description  | Contrinex Inductive Sensor, M30 Housing, 0 - 20mm Operating Distance, Quasi-embeddable, Analog, 0 - 10V Output, 4-pin M12 Connector, 73.5mm Housing Length |
| IP Rating    | IP67                                                                                                                                                       |
| Product Name | Contrinex                                                                                                                                                  |
| Type         | Inductive                                                                                                                                                  |
| UPC          | 191130063314                                                                                                                                               |

### Electrical

|          |        |
|----------|--------|
| Output   | 0-10V  |
| Polarity | Analog |

### Physical

|                         |                        |
|-------------------------|------------------------|
| Connection              | Connector (M12, 4-pin) |
| Length                  | 73.5mm                 |
| Material - Housing      | Chrome Plated Brass    |
| Material - Sensing Face | PBTP                   |
| Mounting Style          | Quasi-embeddable       |
| Operating Distance      | 0 - 20mm               |

|                               |               |
|-------------------------------|---------------|
| Output                        | 0-10V         |
| Sensor Housing Size           | M30           |
| Temperature Range - Operating | -25° to +70°C |