



**Part Number :** [1202530430](#)  
**Product Description :** Contrinex Inductive Sensor,  
M12 Housing, 4mm Operating Distance, Embeddable,  
NPN, NO, 4-pin M12 Connector, 45mm Housing Length  
**Series Number :** 120253  
**Status :** Not Recommended For New Design  
**Product Category :** Inductive and Photoelectric  
Sensors  
**Engineering Number :** DW-AS-621-M12-120




## Documents & Resources

### Specifications

[1202530426-000.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(2025)4165-DC<br>(25 June 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

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**Part Details**

**General**

|              |                                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                                                                 |
| Category     | Inductive Sensors                                                                                                              |
| Series       | 120253                                                                                                                         |
| Description  | Contrinex Inductive Sensor, M12 Housing, 4mm Operating Distance, Embeddable, NPN, NO, 4-pin M12 Connector, 45mm Housing Length |
| IP Rating    | IP67                                                                                                                           |
| Product Name | Contrinex                                                                                                                      |
| Type         | Inductive                                                                                                                      |
| UPC          | 191130067251                                                                                                                   |

**Electrical**

|                     |           |
|---------------------|-----------|
| Output              | NO        |
| Polarity            | NPN       |
| Switching Frequency | ≤ 2500 Hz |

**Physical**

|                         |                        |
|-------------------------|------------------------|
| Connection              | Connector (M12, 4-pin) |
| Length                  | 45mm                   |
| Material - Housing      | Nickel Plated Brass    |
| Material - Sensing Face | PBTP                   |
| Mounting Style          | Embeddable             |
| Operating Distance      | 4mm                    |
| Output                  | NO                     |
| Sensor Housing Size     | M12                    |

|                               |               |
|-------------------------------|---------------|
| Temperature Range - Operating | -25° to +70°C |
|-------------------------------|---------------|