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**Part Number:** [1202530113](#)  
**Status:** **Active**  
**Overview:** Contrinex Inductive and Photoelectric  
**Description:** Contrinex Inductive Sensor, M18 Housing, 12mm Operating Distance, Quasi-embeddable, NPN, NC, 4-pin M12 Connector, 48.5mm Housing Length

**Documents:**

[Product Specification 1202530113-000 \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)  
[Datasheet \(PDF\)](#)

**General**

|                  |                                              |
|------------------|----------------------------------------------|
| Product Family   | Sensors                                      |
| Series           | <a href="#">120253</a>                       |
| IP Rating        | IP67                                         |
| Overview         | <u>Contrinex Inductive and Photoelectric</u> |
| Product Category | Sensors                                      |
| Product Name     | Contrinex                                    |
| Type             | Inductive                                    |
| UPC              | 191130062836                                 |

**Physical**

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Connector (M12, 4-pin) |
| Length                        | 48.5mm                 |
| Material - Housing            | Chrome Plated Brass    |
| Material - Sensing Face       | PBTP                   |
| Mounting Style                | Quasi-embeddable       |
| Operating Distance            | 12mm                   |
| Output                        | NC                     |
| Sensor Housing Size           | M18                    |
| Temperature Range - Operating | -25° to +70°C          |

**Electrical**

|                     |          |
|---------------------|----------|
| Polarity            | NPN      |
| Switching Frequency | ≤ 600 Hz |

**Material Info**

|                    |                   |
|--------------------|-------------------|
| Engineering Number | DW-AS-502-M18-120 |
|--------------------|-------------------|

**Reference - Drawing Numbers**

|                       |                |
|-----------------------|----------------|
| Product Specification | 1202530113-000 |
|-----------------------|----------------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with  
Exemption 6(c)**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | 50 Image      |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[120253](#) Series