

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [1202530003](#)  
**Status:** **Active**  
**Overview:** [Contrinex Inductive and Photoelectric](#)  
**Description:** Contrinex Inductive Sensor, 6.5mm Diameter Smooth Housing, 3mm Operating Distance, Quasi-embeddable, PNP, NC, 2m 3-wire PVC Cable, 45mm Housing Length

**Documents:**

[Product Specification 1202530003-000 \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)  
[Datasheet \(PDF\)](#)

**General**

|                  |                                                       |
|------------------|-------------------------------------------------------|
| Product Family   | Sensors                                               |
| Series           | <a href="#">120253</a>                                |
| IP Rating        | IP67                                                  |
| Overview         | <a href="#">Contrinex Inductive and Photoelectric</a> |
| Product Category | Inductive Sensors                                     |
| Product Name     | Contrinex                                             |
| Type             | Inductive                                             |
| UPC              | 191130061730                                          |

**Physical**

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Length                        | 45mm                   |
| Material - Housing            | Chrome Plated Brass    |
| Material - Sensing Face       | PBTP                   |
| Mounting Style                | Quasi-embeddable       |
| Operating Distance            | 3mm                    |
| Output                        | NC                     |
| Sensor Housing Size           | 6.5mm dia. (smooth)    |
| Temperature Range - Operating | -25° to +70°C          |

**Electrical**

|                     |           |
|---------------------|-----------|
| Polarity            | PNP       |
| Switching Frequency | ≤ 1000 Hz |

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | DW-AD-504-065 |
|--------------------|---------------|

**Reference - Drawing Numbers**

|                       |                |
|-----------------------|----------------|
| Product Specification | 1202530003-000 |
|-----------------------|----------------|



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