



**Part Number :** [1202540061](#)  
**Product Description :** Contrinex Photoelectric Sensor, 4155 (40 x 50mm) Housing, Contrast Sensor, 12mm Operating Distance, Push-Pull, 3 Outputs Programmable/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector  
**Series Number :** 120254  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** KTS-4155-407



Documents & Resources

Specifications  
[1202540060-000.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         | Not Reviewed per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS            | Compliant 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              | 120254   |
| Description         | Contrinex Photoelectric Sensor, 4155 (40 x 50mm) Housing, Contrast Sensor, 12mm Operating Distance, Push-Pull, 3 Outputs Programmable/IOL, Teach Sensitivity Adjustment, 4-pin M12 Connector |
| IP Rating           | IP67   |
| Operating Principle | Contrast   |
| Product Name        | Contrinex  |
| Type                | Photoelectric  |
| UPC                 | 191130067374   |

### Electrical

|                     |                            |
|---------------------|----------------------------|
| Output              | 3 Outputs Programmable/IOL |
| Polarity            | Push-Pull                  |
| Switching Frequency | ≤ 10000 Hz                 |

### Physical

|                               |                            |
|-------------------------------|----------------------------|
| Connection                    | Connector (M12, 4-pin)     |
| Housing Size                  | 40 x 50mm                  |
| Material - Housing            | PBTP                       |
| Material - Window             | PMMA                       |
| Operating Distance            | 12mm                       |
| Output                        | 3 Outputs Programmable/IOL |
| Sensor Housing Size           | 4155                       |
| Temperature Range - Operating | -5° to +55°C               |