



Part Number : 1202530101

Series Number : 120253

Product Category : Inductive and Photoelectric Sensors

Product Description : Contrinex Inductive Sensor, M12 Housing, 10mm Operating Distance, Non-embeddable, NPN, NC, 2m 3-wire PVC Cable, 35mm Housing Length

Status : Active

Engineering Number : DW-AD-512-M12-120

Documents & Resources

Specifications

Product Specification 1202530100-000.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)4144-DC (27 June 2024)                                        |
| EU RoHS            | Compliant with Exemption 6(c) 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)

EU RoHS Certificate of Compliance

Part Details

## General

|                |                                                                                                                                     |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                              |
| Category       | Inductive and Photoelectric Sensors                                                                                                 |
| Series         | 120253                                                                                                                              |
| Description    | Contrinex Inductive Sensor, M12 Housing, 10mm Operating Distance, Non-embeddable, NPN, NC, 2m 3-wire PVC Cable, 35mm Housing Length |
| IP Rating      | IP67                                                                                                                                |
| Product Family | Contrinex Inductive and Photoelectric Sensors                                                                                       |
| Product Name   | Contrinex                                                                                                                           |
| Type           | Inductive                                                                                                                           |
| UPC            | 191130062713                                                                                                                        |

## Electrical

|                     |          |
|---------------------|----------|
| Polarity            | NPN      |
| Switching Frequency | ≤ 400 Hz |

## Physical

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | Cable (PVC 2m, 3-wire) |
| Length                        | 35mm                   |
| Material - Housing            | Chrome Plated Brass    |
| Material - Sensing Face       | PBTP (PPS)             |
| Mounting Style                | Non-embeddable         |
| Operating Distance            | 10mm                   |
| Output                        | NC                     |
| Sensor Housing Size           | M12                    |
| Temperature Range - Operating | -25° to +70°C          |