



Part Number : [1202530196](#)
Product Description : Contrinex Inductive Sensor,
6.5mm Diameter Smooth Housing, 1.5mm Operating
Distance, Embeddable, PNP, 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-603-065



Documents & Resources

Specifications

[1202530186-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS |  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 (25 June 2025) |
| EU RoHS | Compliant per 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

Part Details

General

| | |
|--------------|--|
| Status | Not Recommended For New Design |
| Category | Inductive Sensors |
| Series | 120253 |
| Description | Contrinex Inductive Sensor, 6.5mm Diameter Smooth Housing, 1.5mm Operating Distance, Embeddable, PNP, NO, 4-pin M12 Connector, 45mm Housing Length |
| IP Rating | IP67 |
| Product Name | Contrinex |
| Type | Inductive |
| UPC | 191130063666 |

Electrical

| | |
|---------------------|-----------|
| Output | NO |
| Polarity | PNP |
| Switching Frequency | ≤ 5000 Hz |

Physical

| | |
|-------------------------|------------------------|
| Connection | Connector (M12, 4-pin) |
| Length | 45mm |
| Material - Housing | Stainless Steel |
| Material - Sensing Face | PA66 |
| Mounting Style | Embeddable |
| Operating Distance | 1.5mm |
| Output | NO |

| | |
|-------------------------------|---------------------|
| Sensor Housing Size | 6.5mm dia. (smooth) |
| Temperature Range - Operating | -25° to +70°C |