



**Part Number :** [1202530227](#)

**Product Description :** Contrinex Inductive Sensor, M12 Housing, 2mm Operating Distance, Embeddable, NPN, NC, 4-pin M12 Connector, 60mm Housing Length

**Series Number :** 120253

**Status :** Active

**Product Category :** Inductive and Photoelectric Sensors

**Engineering Number :** DW-AS-602-M12



---

## Documents & Resources

### Specifications

[1202530222-000.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)7663-DC (21 Jan 2025)
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)

## Part Details

### General

Status	Active
Category	Inductive and Photoelectric Sensors
Series	120253
Description	Contrinex Inductive Sensor, M12 Housing, 2mm Operating Distance, Embeddable, NPN, NC, 4-pin M12 Connector, 60mm Housing Length
IP Rating	IP67
Product Name	Contrinex
Type	Inductive
UPC	191130063970

### Electrical

Output	NC
Polarity	NPN
Switching Frequency	≤ 3000 Hz

### Physical

Connection	Connector (M12, 4-pin)
Length	60mm
Material - Housing	Nickel Plated Brass
Material - Sensing Face	PBTP
Mounting Style	Embeddable
Operating Distance	2mm
Output	NC
Sensor Housing Size	M12
Temperature Range - Operating	-25° to +70°C