



**Part Number :** [1202530446](#)  
**Product Description :** Contrinex Inductive Sensor, M18 Housing, 8mm Operating Distance, Embeddable, NPN, NO, 4-pin M12 Connector, 48.5mm Housing Length  
**Series Number :** 120253  
**Status :** Active  
**Product Category :** Inductive and Photoelectric Sensors  
**Engineering Number :** DW-AS-621-M18-120




## Documents & Resources

**Specifications**  
[1202530442-000.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, M18 Housing, 8mm Operating Distance, Embeddable, NPN, NO, 4-pin M12 Connector, 48.5mm Housing Length
IP Rating	IP67
Product Name	Contrinex
Type	Inductive
UPC	191130067619

### Electrical

Output	NO
Polarity	NPN
Switching Frequency	≤ 1500 Hz

### Physical

Connection	Connector (M12, 4-pin)
Length	48.5mm
Material - Housing	Nickel Plated Brass
Material - Sensing Face	PBTP
Mounting Style	Embeddable
Operating Distance	8mm
Output	NO
Sensor Housing Size	M18
Temperature Range - Operating	-25° to +70°C