



**Part Number :** [1202530120](#)  
**Product Description :** Contrinex Inductive Sensor,  
M18 Housing, 20mm Operating Distance, Non-  
embeddable, NPN, NO, 4-pin M12 Connector, 48.5mm  
Housing Length  
**Series Number :** 120253  
**Status :** Not Recommended For New Design  
**Product Category :** Inductive and Photoelectric  
Sensors  
**Engineering Number :** DW-AS-511-M18-120




## Documents & Resources

### Specifications

[1202530116-000.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(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) 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, M18 Housing, 20mm Operating Distance, Non-embeddable, NPN, NO, 4-pin M12 Connector, 48.5mm Housing Length
IP Rating	IP67
Product Name	Contrinex
Type	Inductive
UPC	191130062904

### Electrical

Output	NO
Polarity	NPN
Switching Frequency	≤ 500 Hz

### Physical

Connection	Connector (M12, 4-pin)
Length	48.5mm
Material - Housing	Chrome Plated Brass
Material - Sensing Face	PBTP
Mounting Style	Non-embeddable
Operating Distance	20mm

Output	NO
Sensor Housing Size	M18
Temperature Range - Operating	-25° to +70°C