

INDUCTIVE SENSORS

# CHIP IMMUNE FULL INOX

IDEAL FOR THE HARSHTEST  
MACHINING ENVIRONMENTS



- ✓ Detection not influenced by chips of **steel, stainless steel, aluminum, brass, copper or titanium**
- ✓ Detects targets made of the above metals
- ✓ Robust, one-piece stainless-steel housing, protection rating IP 68 and IP 69K
- ✓ Temperature range -25 to +85°C (-13 to +185°F)
- ✓ Sizes M12, M18 and M30
- ✓ Operating distances up to 12 mm
- ✓ IO-Link



✓ Steel

✓ Stainless Steel

✓ Aluminum

✓ Brass

✓ Copper

✓ Titanium

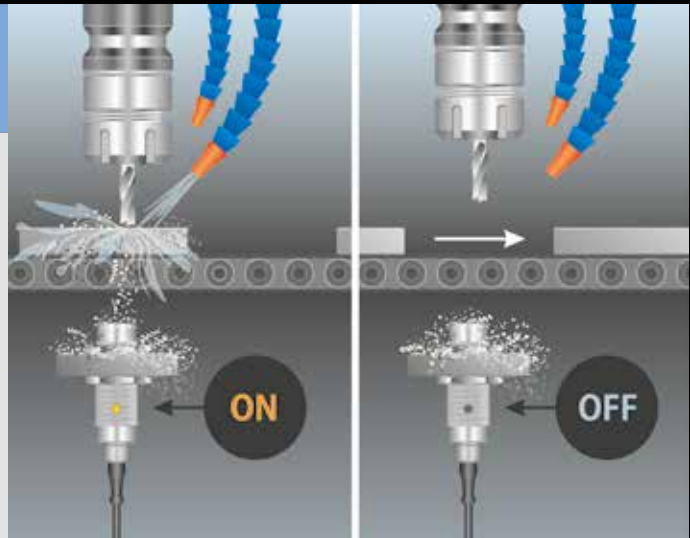
## MACHINING METAL PARTS

### MAXIMUM IMMUNITY, LONGEST LIFE

An inductive sensor checks the presence of a metal conveyor tray during an in-line machining process, in which metal chips and lubrication fluid flow onto the sensing face. Despite the presence of many metal chips on the sensor, switching remains reliable without the need for cleaning.

Unique Condet® technology not only ensures long sensor life, but also chip immunity and reliable switching with a wide range of metals.

- Ideal for use in milling, drilling and grinding processes
- No need for costly cleaning with water
- Virtually indestructible one-piece, stainless-steel housing
- Impervious, corrosion resistant, vibration and shock proof
- Pressure resistant to 80 bar (1160 psi)

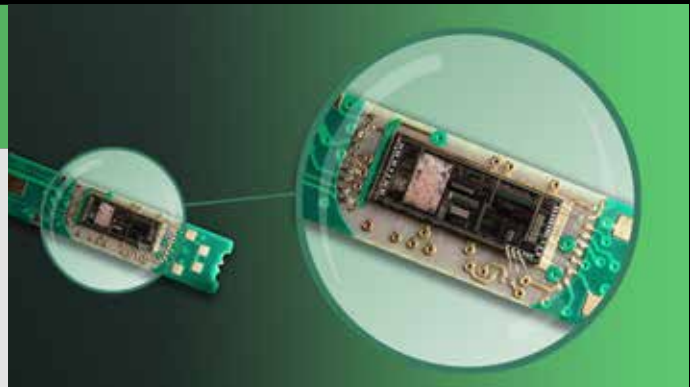


| PART REFERENCE    | ART. NO.    | Ø   | SN | MOUNTING       | CONNECTION | OUTPUT |
|-------------------|-------------|-----|----|----------------|------------|--------|
| DW-AS-713-M12-967 | 320-420-712 | M12 | 3  | Non-embeddable | M12 4-pin  | PNP NO |
| DW-AS-713-M18-967 | 320-420-713 | M18 | 5  | Non-embeddable | M12 4-pin  | PNP NO |
| DW-AS-713-M30-967 | 320-420-690 | M30 | 12 | Non-embeddable | M12 4-pin  | PNP NO |

## POWERFUL CONTRINEX ASIC

### FROM THE WORLD LEADER IN SENSOR ASIC TECHNOLOGY

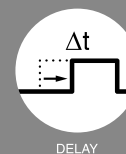
- Guaranteed operating distances
- Quick installation due to minimal variation between sensors
- Excellent temperature compensation
- Longer lifetime especially in applications with temperature changes and vibrations



## IO-Link

### SMART COMMUNICATION WITH CONTRINEX SENSORS

- Continuous monitoring of process data
- Continuous diagnosis of sensor status
- Advanced parameter settings
- Easy check of sensor ID, to ensure the right sensor is at the right place



Terms of delivery and right to change design reserved.

### HEADQUARTERS

**CONTRINEX AG** Industrial Electronics  
Route du Paqui 5 - PO Box - CH 1720 Corninboeuf - Switzerland  
Tel: +41 26 460 46 46 - Fax: +41 26 460 46 40  
Internet: [www.contrinex.com](http://www.contrinex.com) - E-mail: [info@contrinex.com](mailto:info@contrinex.com)

[www.contrinex.com](http://www.contrinex.com)

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999 407 002 - 05.17 - 5'000