


INDUCTIVE SENSORS

CHIP-IMMUNE FULL INOX

FOR THE HARSHTEST
MACHINING ENVIRONMENTS

- ✓ DETECTION NOT INFLUENCED BY CHIPS OF STEEL, STAINLESS STEEL, ALUMINUM, BRASS, COPPER OR TITANIUM
- ✓ DETECTION OF TARGETS MADE OF THE ABOVE METALS
- ✓ ROBUST, ONE-PIECE STAINLESS-STEEL HOUSING, PROTECTION RATING IP68 AND IP69K
 - ✓ TEMPERATURE RANGE $-25^{\circ}\text{C} \dots +85^{\circ}\text{C}$ ($-13^{\circ}\text{F} \dots +185^{\circ}\text{F}$)
 - ✓ SIZES M12, M18 AND M30
 - ✓ OPERATING DISTANCES UP TO 12 MM
- ✓  IO-Link



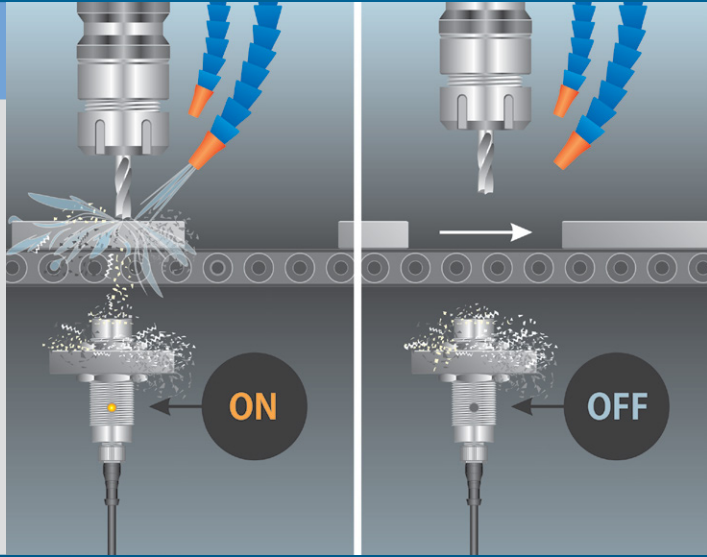
MACHINING METAL PARTS

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 (1,160 psi)



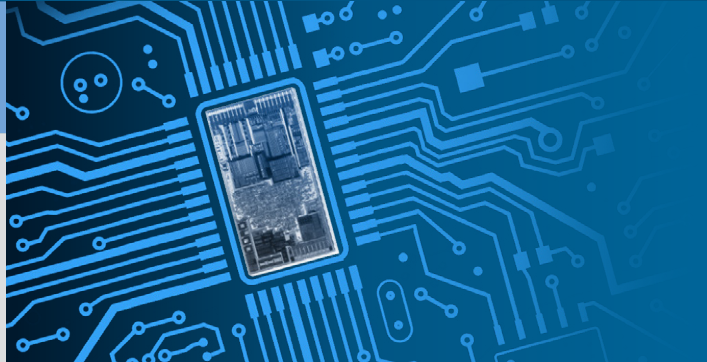
PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION
DW-AS-713-M12-967	330-320-101	M12	3 mm	Non-embeddable	PNP NO / IO-Link	Connector M12 4-pin
DW-AS-713-M18-967	330-320-102	M18	5 mm	Non-embeddable	PNP NO / IO-Link	Connector M12 4-pin
DW-AS-713-M30-967	330-320-096	M30	12 mm	Non-embeddable	PNP NO / IO-Link	Connector M12 4-pin

* NPN versions also available

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
- Integrated IO-Link



IO-Link

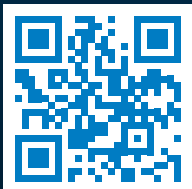
SMART COMMUNICATION WITH CONTRINEX SENSORS

- 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

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