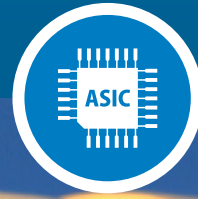


CONTRINEX
SENSORS SAFETY RFID



INDUCTIVE SENSORS

HIGH PRESSURE

**BEST PERFORMANCE
IN HIGH PRESSURE
ENVIRONMENTS**

INDUCTIVE SENSORS



HIGHLIGHTS

- Highest operating (500 bar / 7,255 psi) and peak pressure (1,000 bar / 14,510 psi) on the market
- Resistant to pressure cycles: 50 times longer lifetime under pressure than the market standard
- Gas-tight sensing face
- Large temperature range $-25^{\circ}\text{C} \dots +100^{\circ}\text{C}$ ($-13^{\circ}\text{F} \dots +212^{\circ}\text{F}$)
- High quality ASIC sensors with IO-Link interface

INDUSTRIES

Automotive production and supply, machine tool, energy, maritime, hydraulic and fluid power, concrete pumps, injection molding machines

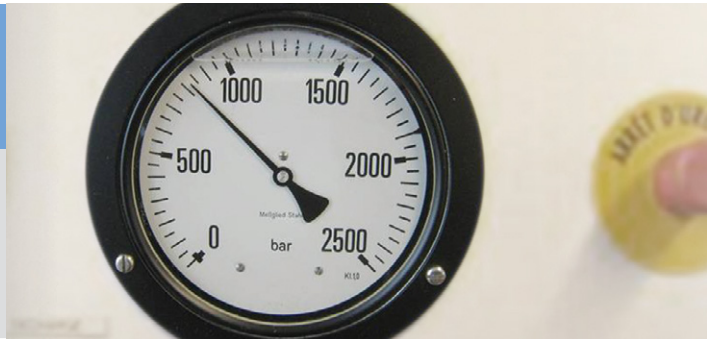


HIGH PRESSURE

HIGHEST OPERATING PRESSURE ON THE MARKET

OUTSTANDING PERFORMANCE

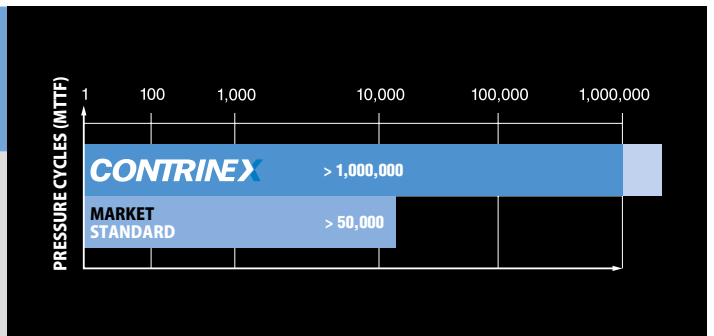
- 1,000 bar peak pressure (14,510 psi)
- 500 bar operating pressure (7,255 psi)
- Fast installation, easy set-up



MOST RELIABLE HIGH PRESSURE RESISTANT SENSOR

PATENTED TECHNOLOGY

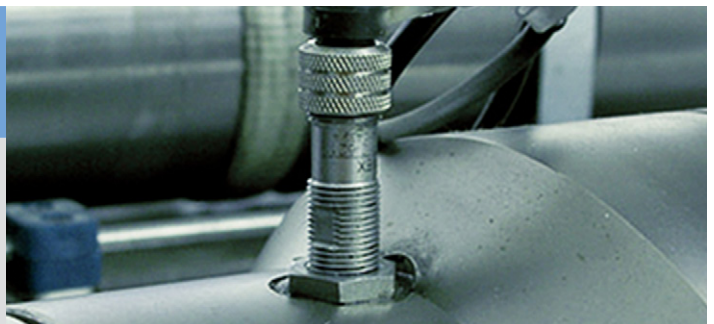
- Longest lifetime under pressure cycles
- Thick ceramic face for pressure resistance
- Vibration and shock resistant
- Patented shrink technology with inert metal sealing



EXTRA DISTANCE TECHNOLOGY

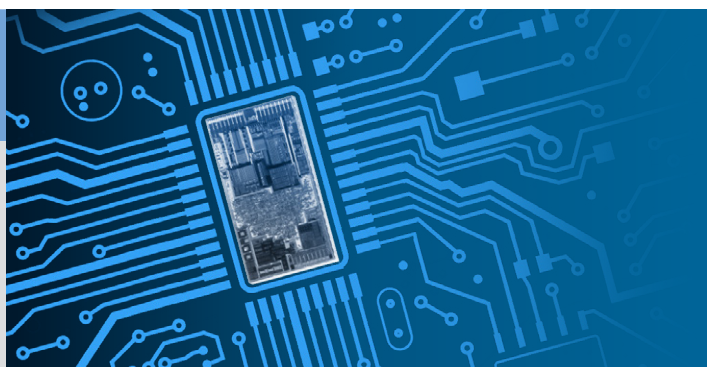
INCREASED STABILITY FOR EXCEPTIONALLY LONG OPERATING DISTANCE

- Long operating distances
- High switching frequencies
- Outstanding temperature stability



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



SELECTION OF PRODUCTS

EXTRA DISTANCE	PART REFERENCE	ART. N°.	HOUSING SIZE	HOUSING LENGTH	SENSING RANGE	OUTPUT*	CONNECTION*
	DW-AD-503-P5	330-020-025	M5	27 mm	1 mm	PNP NO / IO-Link	PUR cable 3-wire
	DW-AV-503-P5-276	330-020-029	M5	27 mm	1 mm	PNP NO / IO-Link	PUR cable + M8 3-pin
	DW-AD-503-P8	330-020-099	M8	30 mm	1.5 mm	PNP NO / IO-Link	PUR cable 3-wire
	DW-AS-503-P12	330-020-194	M12	69 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-621	330-020-195	M12	93 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-622	330-020-196	M12	138 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-624	330-020-197	M12	56 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-627	330-020-198	M12	78 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-630	330-020-199	M12	56 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AS-503-P12-635	330-020-200	M12	93 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin
	DW-AD-503-P20	330-020-304	M14	56 mm	3 mm	PNP NO / IO-Link	PUR cable 3-wire
	DW-AS-503-P20	330-020-311	M14	65 mm	3 mm	PNP NO / IO-Link	Connector M12 4-pin

* NPN versions and cable versions also available

FULL INOX	PART REFERENCE	ART. N°.	HOUSING SIZE	HOUSING LENGTH	SENSING RANGE	OUTPUT	CONNECTION
	DW-AV-703-P12G-276	330-320-139	M12	48.5 mm	1.5 mm	PNP NO / IO-Link	PUR cable + M12 4-pin
	DW-LD-703-P12G-003	330-320-082	M12	57.3 mm	1.5 mm	PNP NO / IO-Link	PUR cable 3-wire
	DW-LS-703-P12G	330-320-083	M12	61 mm	1.5 mm	PNP NO / IO-Link	Connector M12 4-pin

ACCESSORIES

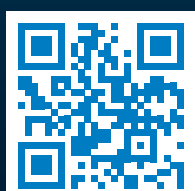
CONNECTING CABLES**	PART REFERENCE	ART. N°.	SIZE	PINS	CONFIG.	MATERIAL	LENGTH
	S12-4FUG-020	623-100-052	M12	4	straight	PUR	2 m
	S12-4FUG-050	623-100-032	M12	4	straight	PUR	5 m
	S12-4FUW-020	623-100-054	M12	4	right angle	PUR	2 m
	S12-4FUW-050	623-100-033	M12	4	right angle	PUR	5 m

**More references available

Terms of delivery and right to change design reserved.

HEADQUARTERS

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