

SELECTION OF PRODUCTS

EXTRA DISTANCE	PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*
	DW-AD-503-04	330-020-000	∅ 4 mm	2.5 mm	Quasi-embeddable	PNP NO	PVC cable 3-wire
	DW-AS-503-04	330-020-004	∅ 4 mm	2.5 mm	Quasi-embeddable	PNP NO	Connector M8 3-pin
	DW-AD-503-M5	330-020-010	M5	2.5 mm	Quasi-embeddable	PNP NO	PVC cable 3-wire
	DW-AS-503-M5	330-020-017	M5	2.5 mm	Quasi-embeddable	PNP NO	Connector M8 3-pin

CLASSICS	PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*
	DW-AD-603-03	320-920-036	∅ 3 mm	0.6 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AD-623-03	320-920-170	∅ 3 mm	1 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AD-623-03-960	320-320-003	∅ 3 mm	1 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AV-623-03-276	320-920-319	∅ 3 mm	1 mm	Embeddable	PNP NO	PUR cable + M8 3-pin
	DW-AD-603-M4	320-920-065	M4	0.6 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AD-623-M4	320-920-183	M4	1 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AD-623-M4-960	320-320-006	M4	1 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AV-623-M4-276	320-920-329	M4	1 mm	Embeddable	PNP NO	PUR cable + M8 3-pin
	DW-AD-603-04	320-920-040	∅ 4 mm	0.8 mm	Embeddable	PNP NO	PVC cable 3-wire
	DW-AD-623-04	320-920-172	∅ 4 mm	1.5 mm	Embeddable	PNP NO	PVC cable 3-wire
	DW-AV-623-04-276	320-920-324	∅ 4 mm	1.5 mm	Embeddable	PNP NO	PUR cable + M8 3-pin
	DW-AD-603-M5	320-920-067	M5	0.8 mm	Embeddable	PNP NO	PVC cable 3-wire
	DW-AD-623-M5	320-920-185	M5	1.5 mm	Embeddable	PNP NO	PVC cable 3-wire
	DW-AS-623-M5	320-920-275	M5	1.5 mm	Embeddable	PNP NO	Connector M8 3-pin
	DW-AD-623-C5	320-920-182	5×5 (C5)	1.5 mm	Embeddable	PNP NO	PUR cable 3-wire
	DW-AV-623-C5-276	320-920-328	5×5 (C5)	1.5 mm	Embeddable	PNP NO	PUR cable + M8 3-pin

FULL INOX	PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*
	DW-AD-713-04	330-320-092	∅ 4 mm	3 mm	Non-embeddable	PNP NO	PUR cable 3-wire
	DW-AV-713-04-276	330-320-093	∅ 4 mm	3 mm	Non-embeddable	PNP NO	PUR cable + M8 3-pin
	DW-AD-713-M5	330-320-094	M5	3 mm	Non-embeddable	PNP NO	PUR cable 3-wire
	DW-AV-713-M5-276	330-320-095	M5	3 mm	Non-embeddable	PNP NO	PUR cable + M8 3-pin

*NPN versions and connector versions also available

SELECTION OF PRODUCTS


EXTRA PRESSURE	PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*	OPERATING PRESSURE
	DW-AD-623-03E-961	320-320-103	∅ 3 mm	0.8 mm	Embeddable	PNP NO	PUR cable 3-wire	≤ 200 bar
	DW-AD-603-04E	320-920-048	∅ 4 mm	0.6 mm	Embeddable	PNP NO	PUR cable 3-wire	≤ 20 bar

HIGH PRESSURE	PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*	OPERATING PRESSURE
	DW-AD-503-P5	330-020-025	M5	1 mm	Embeddable	PNP NO	PUR cable 3-wire	≤ 500 bar
	DW-AV-503-P5-276	330-020-029	M5	1 mm	Embeddable	PNP NO	PUR cable + M8 3-pin	≤ 500 bar

ACCESSORIES

CONNECTING CABLES*	PART REFERENCE	ART. N°.	SOCKET			CABLE	
			Size	Pins	Config.	Material	Length
	S08-3FVG-020	623-100-102	M8	3-pole	straight	PVC	2 m
	S08-3FVW-020	623-100-101	M8	3-pole	right angle	PVC	2 m
	S08-3FUG-020	623-100-106	M8	3-pole	straight	PUR	2 m
	S08-3FUW-020	623-100-103	M8	3-pole	right angle	PUR	2 m

SENSOR MOUNTING CLAMPS

	TECHNICAL DATA					
	Part reference	Art. N°.	Type	For sensor housing	Fixing	Material
	ASU-0001-030	606-000-001	without limit stop	∅ 3 mm	M3	Plastic PA6 black
	ASU-0001-040	606-000-002	without limit stop	∅ 4 mm / M4	M3	Plastic PA6 black
	ASU-0001-050	606-000-003	without limit stop	∅ 5 mm	M3	Plastic PA6 black
Screw: DIN 912, M3 zinc-plated		Nut: DIN 934, M3 zinc-plated				

*More references available

Terms of delivery and right to change design reserved.

HEADQUARTERS

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CONTRINEX
SENSORS SAFETY RFID



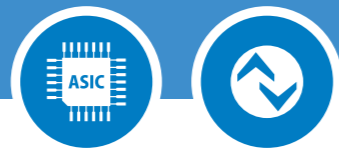
INDUCTIVE SENSORS

MINIATURE

**FULL FUNCTIONALITY,
SMALLEST SIZE**

- ✓ HIGH QUALITY ASiC SENSORS WITH IO-Link INTERFACE
- ✓ SMALLEST SELF-CONTAINED INDUCTIVE SENSORS ON THE MARKET
- ✓ OUTSTANDING TEMPERATURE STABILITY FROM -25°C (-13°F) TO +70°C (+158°F) OR +85°C (+185°F) FOR FULL INOX TYPES
- ✓ HIGH SWITCHING FREQUENCY UP TO 8,000 Hz
- ✓ ELECTRONICS VACUUM POTTED FOR OPTIMUM LONG-TERM RELIABILITY UNDER HIGH STRESS

INDUCTIVE SENSORS



MINIATURE



INDUSTRIES

Machine tool, vehicles, assembly, automation, robotics, micromechanics, special purpose machines

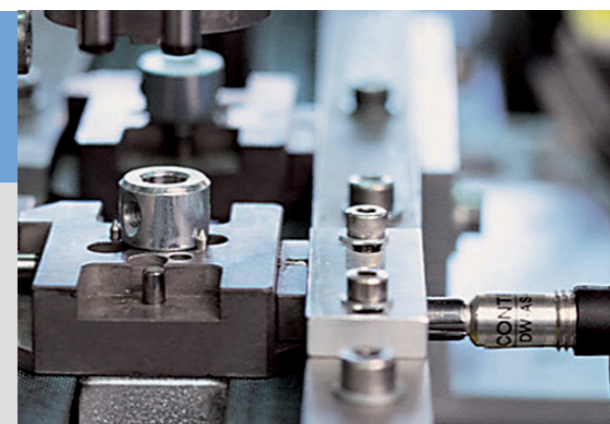
HIGHLIGHTS

PRESSURE-RESISTANT MINIATURE SENSORS

THE SOLUTION FOR SPINDLES, PNEUMATIC AND LUBRICATION SYSTEMS



- Gas-tight sensing face
- Pressure resistant up to 200 bar (2,901 psi)
- Miniature devices as small as $\varnothing 3 \times 12$ mm
- Rugged ceramic or sapphire front face

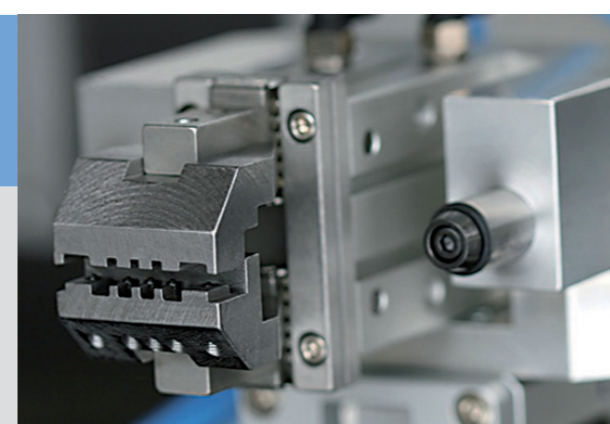


HIGH PRESSURE-RESISTANT MINIATURE SENSORS

OUTSTANDING LIFETIME IN HIGH PRESSURE AND HYDRAULIC ENVIRONMENTS



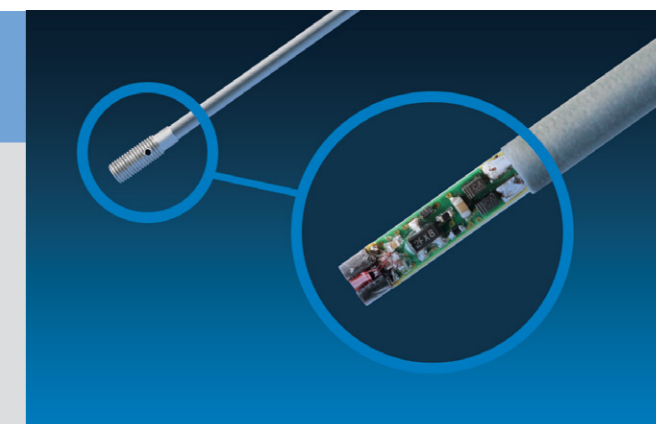
- Resistant to fast pressure changes and cycles
- Operating pressure 500 bar (7,255 psi), peak pressure 1,000 bar (14,510 psi)
- Thick ceramic face for pressure resistance
- Patented shrink technology with inert metal sealing



TECHNICAL VALUES

HIGH PERFORMANCE FOR VERY LIMITED SPACE CONDITIONS

- Sizes from $\varnothing 3$ mm to M5
- Rated operating distances from 0.6 to 3 mm
- Switching frequencies of up to 8,000 Hz
- IO-Link



IO-Link

SMART COMMUNICATION WITH CONTRINEX SENSORS

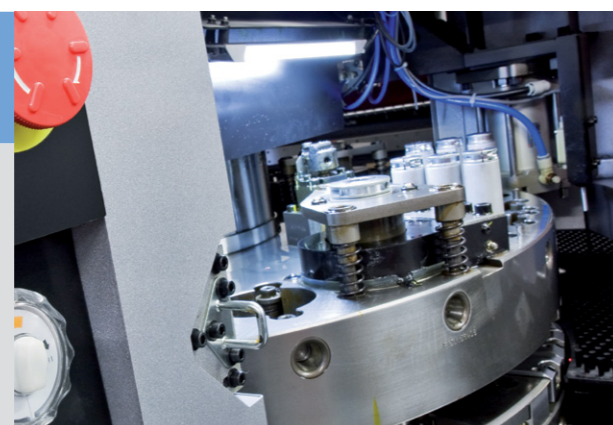
- Continuous monitoring of process data
- Continuous diagnosis of sensor status
- Advanced parameter settings
- Easy check of sensor ID, to ensure the right sensor is at the right place



MINIMINI

THE SMALLEST INDUCTIVE SENSOR ON THE MARKET

- Embeddable ultraminiature device
- Housing length 12 mm, 3 mm diameter, stainless steel V2A
- Increased operating distance: 1 mm
- High switching frequency up to 8,000 Hz

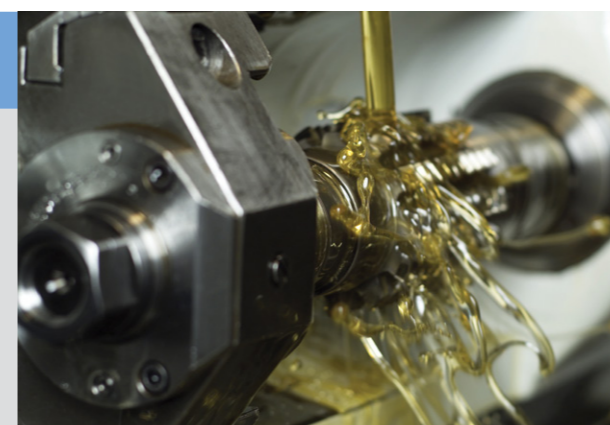


EXTRA DISTANCE MINIATURE

EXCEPTIONALLY LONG OPERATING DISTANCES



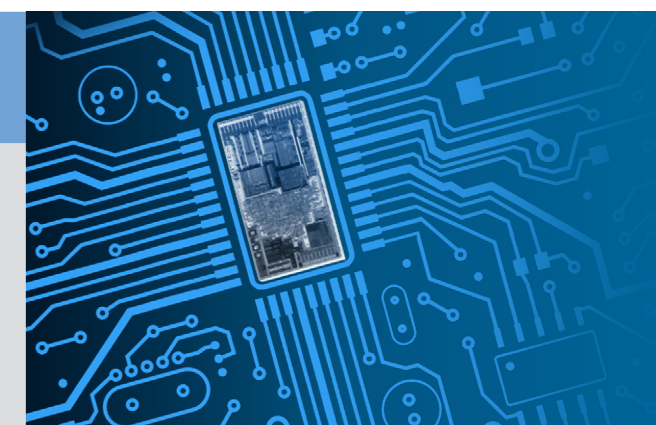
- Highest sensitivity for detection of smallest objects
- Reduced sensor downtime due to increased security distance
- High switching frequencies
- Outstanding temperature stability



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



FULL INOX MINIATURE SENSORS

VIRTUALLY INDESTRUCTIBLE

- Outstanding lifetime and robustness due to Condet® technology and Contrinex ASiC
- One-piece stainless steel housing (sensing face included)
- Long operating distances
- Factor 1 on steel and aluminum
- Pressure resistant up to 120 bar (1,740 psi)

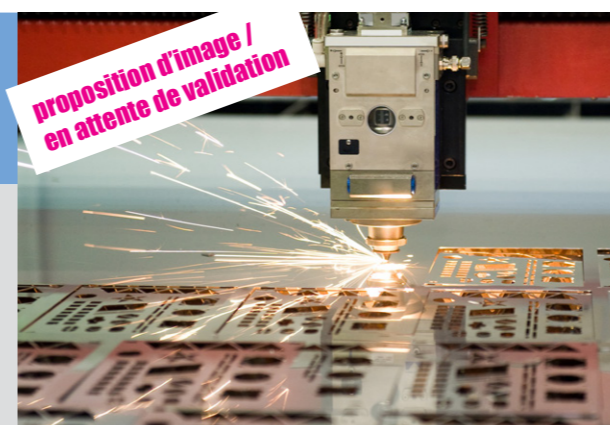


EXTRA TEMPERATURE MINIATURE SENSORS

ACCURATE OPERATION AND MINIMAL DOWNTIME



- Temperature resistant up to +120°C (+248°F)
- Excellent long term reliability
- Outstanding accuracy
- High quality ASiC sensors with IO-Link interface



CONTRINEX MINIMINI – THE SMALLEST INDUCTIVE SENSOR ON THE MARKET

