

## AVAILABLE PROGRAM

CLASSICS MINIATURE	PART REFERENCE	ART. NO.	∅	SN	MOUNTING	CONNECTION	OUTPUT
	DW-AD-603-03	320-920-036	3	0.6	Embeddable	Cable	PNP N.O.
	DW-AD-623-03	320-920-170	3	1	Embeddable	Cable	PNP N.O.
	DW-AD-623-03-960	320-320-003	3	1	Embeddable	Cable	PNP N.O.
	DW-AV-623-03-276	320-920-319	3	1	Embeddable	Pigtail	PNP N.O.
	DW-AD-603-M4	320-920-065	M4	0.6	Embeddable	Cable	PNP N.O.
	DW-AD-621-M4	320-920-153	M4	1	Embeddable	Cable	NPN N.O.
	DW-AD-623-M4-960	320-320-006	M4	1	Embeddable	Cable	PNP N.O.
	DW-AV-623-M4-276	320-920-329	M4	1	Embeddable	Pigtail	PNP N.O.
	DW-AD-603-04	320-920-040	4	0.8	Embeddable	Cable	PNP N.O.
	DW-AD-623-04	320-920-172	4	1.5	Embeddable	Cable	PNP N.O.
	DW-AD-603-M5	320-920-067	M5	0.8	Embeddable	Cable	PNP N.O.
	DW-AD-621-M5	320-920-154	M5	1.5	Embeddable	Cable	NPN N.O.
	DW-AD-623-M5	320-920-185	M5	1.5	Embeddable	Cable	PNP N.O.
	DW-AS-623-M5	320-920-275	M5	1.5	Embeddable	Connector	PNP N.O.
DW-AD-623-C5	320-920-182	C5	1.5	Embeddable	Cable	PNP N.O.	

FULL INOX MINIATURE	PART REFERENCE	ART. NO.	∅	SN	MOUNTING	CONNECTION	OUTPUT
	DW-AD-711-04	320-420-683	4	3	Non-embeddable	Cable	NPN N.O.
	DW-AD-713-04	320-420-682	4	3	Non-embeddable	Cable	PNP N.O.
	DW-AV-713-04-276	320-420-684	4	3	Non-embeddable	Pigtail	PNP N.O.
	DW-AD-711-M5	320-420-687	M5	3	Non-embeddable	Cable	NPN N.O.
	DW-AD-713-M5	320-420-686	M5	3	Non-embeddable	Cable	PNP N.O.
DW-AV-713-M5-276	320-420-688	M5	3	Non-embeddable	Pigtail	PNP N.O.	

EXTRA DISTANCE MINIATURE	PART REFERENCE	ART. NO.	∅	SN	MOUNTING	CONNECTION	OUTPUT
	DW-AD-501-04	320-520-001	4	2.5	Embeddable	Cable	NPN N.O.
	DW-AD-503-04	320-520-003	4	2.5	Embeddable	Cable	PNP N.O.
	DW-AD-503-M5	320-520-013	M5	2.5	Embeddable	Cable	PNP N.O.
	DW-AS-501-M5	320-520-016	M5	2.5	Embeddable	Connector	NPN N.O.
DW-AS-503-M5	320-520-018	M5	2.5	Embeddable	Connector	PNP N.O.	

## AVAILABLE PROGRAM

CLASSICS EXTRA PRESSURE	PART REFERENCE	ART. NO.	∅	SN	MOUNTING	CONNECT.	OUTPUT	PRESSURE RESISTANCE
	DW-AD-623-03E-961	320-320-103	3	0.8	Embeddable	Cable	PNP N.O.	150 bar
	DW-AD-603-M5E	320-920-079	M5	0.6	Embeddable	Cable	PNP N.O.	20 bar

EXTRA DIST. HIGH PRESSURE	PART REFERENCE	ART. NO.	∅	SN	MOUNTING	CONNECT.	OUTPUT	PRESSURE RESISTANCE
	DW-AD-503-P5	320-520-915	M5	1	Embeddable	Cable	PNP N.O.	500 bar
	DW-AV-503-P5-276	320-520-919	M5	1	Embeddable	Pigtail	PNP N.O.	500 bar

CONNECTING CABLES	PART REFERENCE	ART. NO.	SIZE	PINS	CONFIG.	MATERIAL	LENGTH
	S08-3FVG-020	623-100-102	M8	3	straight	PVC	2 m
	S08-3FVG-050	623-100-110	M8	3	straight	PVC	5 m
	S08-3FUG-020	623-100-106	M8	3	straight	PUR	2 m
	S08-3FUG-050	623-100-104	M8	3	straight	PUR	5 m

MOUNTING CLAMPS	PART REFERENCE	ART. NO.	TYPE	FOR SENSOR SIZE
	 ASU-0001-030	606-000-001	without limit stop	∅ 3
	ASU-0001-040	606-000-002	without limit stop	∅ 4 / M4
	ASU-0001-050	606-000-003	without limit stop	M5

Terms of delivery and right to change design reserved.

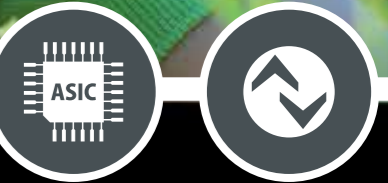
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INDUCTIVE SENSORS

# MINIATURE

ULTRA-SMALL, POWERFUL, COMMUNICATIVE

A  
Swiss  
Company

**CONTRINEX**  
SENSORS SAFETY RFID

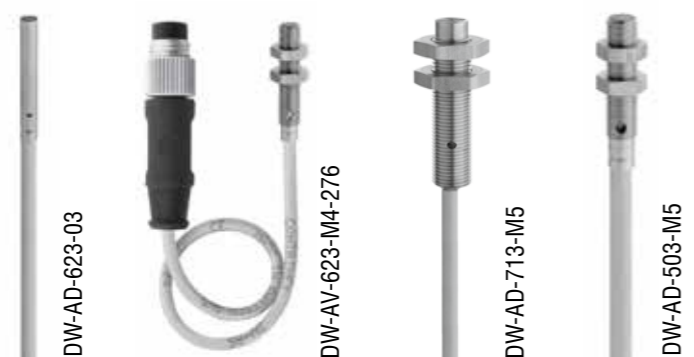


# INDUCTIVE SENSORS MINIATURE



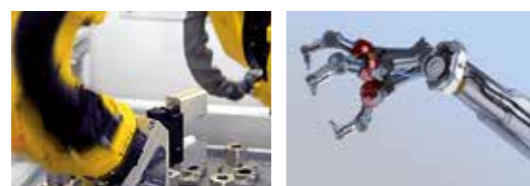
**YOUR ADVANTAGES**

- ✓ Smallest self-contained sensors on the market
- ✓ Versions for harsh and high-pressure environments
- ✓ Ideal solution for applications where space is limited



## ROBOTICS

MINIATURE  
**LONG LIFETIME IN HIGHLY DYNAMIC APPLICATIONS**



MINIATURE  
**SENSORS FOR HIGH SPEED PICK-AND-PLACE APPLICATIONS**

## ELECTRONIC PRODUCTION



MINIATURE  
**HIGHEST RELIABILITY IN ROUGH ENVIRONMENTS**

## SPINDLES



## PRODUCT RANGES



### CLASSICS MINIATURE MINIMINI: THE SMALLEST INDUCTIVE SENSOR ON THE MARKET



- No external amplifier necessary, fully integrated electronics
- Vibration and shock resistant
- High performance ASIC sensor
- Long operating distances
- Highest accuracy



### FULL INOX MINIATURE VIRTUALLY INDESTRUCTIBLE FULL INOX MINIATURE SENSORS



- Extreme robustness in full-metal housing
- Factor 1 on steel and aluminum
- Outstanding temperature stability
- High switching frequencies



### PRESSURE-RESISTANT MINIATURE SENSORS THE SOLUTION FOR SPINDLES, PNEUMATIC AND LUBRICATION SYSTEMS



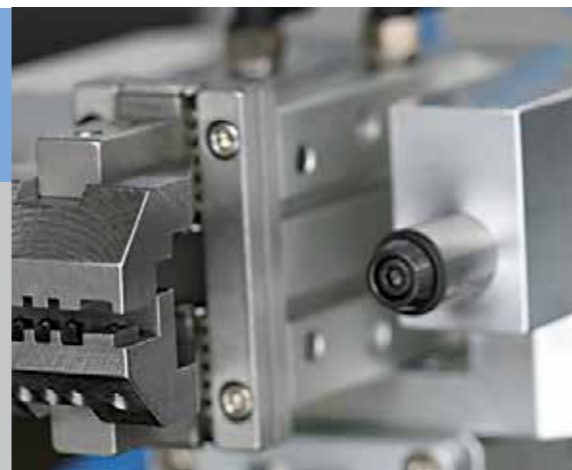
- Gas-tight sensing face
- Pressure resistant up to 150 bar (2176 psi)
- Miniature devices as small as Ø 3 x 12 mm
- Rugged ceramic or sapphire front face



### HIGH PRESSURE- RESISTANT SENSORS OUTSTANDING LIFETIME IN HIGH PRESSURE AND HYDRAULIC ENVIRONMENTS



- Resistant to fast pressure changes and cycles
- Operating pressure 500 bar (7255 psi), peak pressure 1000 bar (14,510 psi)
- Thick ceramic face for pressure resistance
- Patented shrink technology with inert metal sealing



### EXTRA DISTANCE MINIATURE EXCEPTIONALLY LONG OPERATING DISTANCES



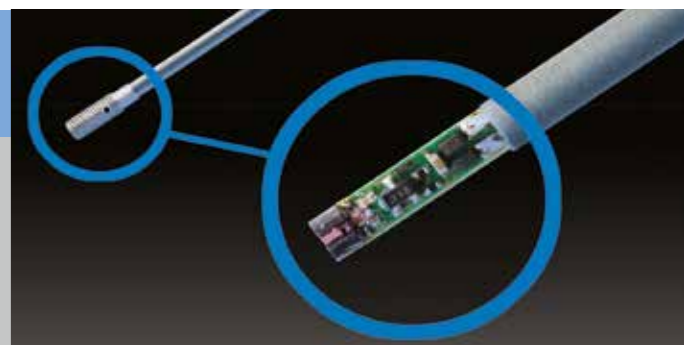
- Highest sensitivity for detection of smallest objects
- Reduced sensor downtime due to increased security distance
- High switching frequencies
- Outstanding temperature stability



### TECHNICAL VALUES

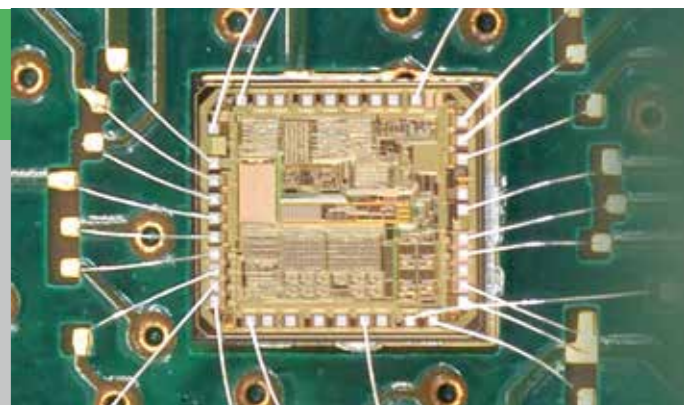
HIGH PERFORMANCE FOR VERY LIMITED SPACE CONDITIONS

- Sizes from Ø 3 to M5
- Rated operating distances from 0.6 to 3 mm
- Switching frequencies up to 8000 Hz



### 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



### CONTRINEX MINIMINI - THE SMALLEST INDUCTIVE SENSOR ON THE MARKET

