

INDUCTIVE SENSORS

EXTREME

**EXTREME
DURABILITY IN HARSH
ENVIRONMENTS**

INDUCTIVE SENSORS



HIGHLIGHTS

- One-piece stainless-steel housing (V2A/ AISI 303)
- Mechanically and chemically extremely robust
- Corrosion resistant
- Pressure resistant up to 100 bar (1,451 psi)
- IP68 and IP69K, water resistant
- Factor 1 on steel and aluminum
- IO-Link interface available on PNP types

INDUSTRIES

Automotive production and supply, machine tool, maritime, vehicles, packaging, logistics, materials handling

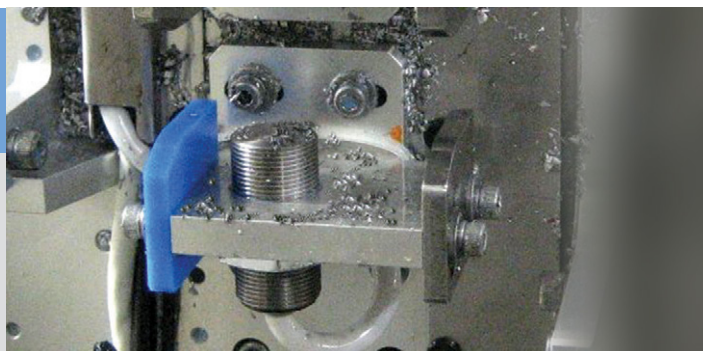


EXTREME

PERFORMANCE, ROBUSTNESS AND DURABILITY

SOLUTIONS FOR EXTREME ENVIRONMENTS

- Mechanically and chemically resistant
- One-piece stainless steel, full-metal housing
- Corrosion resistant
- IP68 and IP69K, water resistant
- Pressure resistant up to 100 bar (1,451 psi)



UNIQUE TECHNOLOGY

OUTSTANDING SPECIFICATIONS DUE TO CONDET® TECHNOLOGY

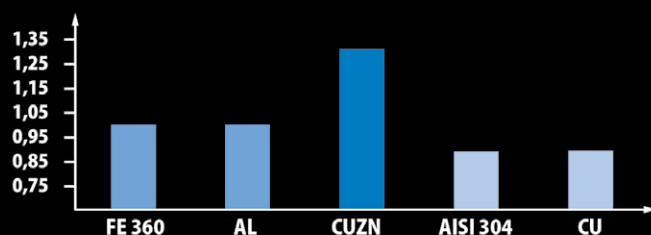
- Longest operating distances
- Factor 1: same operating distances on steel and aluminum
- Vibration and shock proof
- Outstanding temperature stability
- High switching frequencies



TECHNICAL VALUES

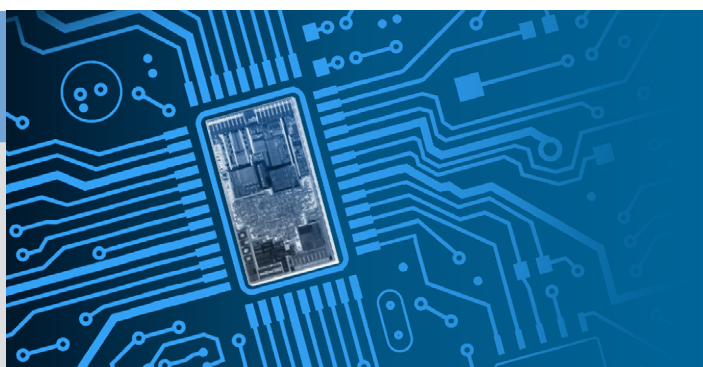
A COMPLETE FAMILY FOR HARSHTEST ENVIRONMENTS

- Sizes from M8 to M30 and C23
- Rated operating distances from 3 to 40 mm
- Switching frequencies of up to 1200 Hz
- IO-Link



POWERFUL CONTRINEX ASIC FROM THE WORLD LEADER IN SENSOR ASIC TECHNOLOGY

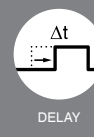
- Guaranteed operating distances
- Quick installation due to minimal variation between sensors
- Excellent temperature compensation
- Longer lifetime especially in applications with temperature changes and vibrations
- Integrated IO-Link



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

PART REFERENCE	ART. N°.	HOUSING SIZE	SENSING RANGE	MOUNTING	OUTPUT*	CONNECTION*
DW-AD-703-M8	330-320-000	M8	3 mm	Embeddable	PNP NO	PUR cable 3-wire
DW-AS-703-M8	330-320-004	M8	3 mm	Embeddable	PNP NO	Connector M12 4-pin
DW-AS-703-M8-001	330-320-001	M8	3 mm	Embeddable	PNP NO	Connector M8 3-pin
DW-AS-713-M8-001	330-320-003	M8	6 mm	Non-embeddable	PNP NO	Connector M8 3-pin
DW-AD-703-M12	330-320-010	M12	6 mm	Embeddable	PNP NO	PUR cable 3-wire
DW-AS-703-M12	330-320-011	M12	6 mm	Embeddable	PNP NO	Connector M12 4-pin
DW-AS-713-M12	330-320-013	M12	10 mm	Non-embeddable	PNP NO	Connector M12 4-pin
DW-AD-703-M18	330-320-014	M18	10 mm	Embeddable	PNP NO	PUR cable 3-wire
DW-AS-703-M18-002	330-320-015	M18	10 mm	Embeddable	PNP NO	Connector M12 4-pin
DW-AS-713-M18-002	330-320-017	M18	20 mm	Non-embeddable	PNP NO	Connector M12 4-pin
DW-AD-703-M30	330-320-018	M30	20 mm	Embeddable	PNP NO	PUR cable 3-wire
DW-AS-703-M30-002	330-320-019	M30	20 mm	Embeddable	PNP NO	Connector M12 4-pin
DW-AS-713-M30-002	330-320-021	M30	40 mm	Non-embeddable	PNP NO	Connector M12 4-pin
DW-AD-703-C23	330-320-097	20 × 32 (C23)	7 mm	Embeddable	PNP NO	PVC cable 3-wire
DW-AV-703-C23-276	330-320-098	20 × 32 (C23)	7 mm	Embeddable	PNP NO	PVC cable + M8 3-pin

* NPN versions and cable versions also available

MOUNTING CLAMPS	PART REFERENCE		ART. N°.	TYPE	FOR SENSOR SIZE
		ASU-0001-080	606-000-005	without limit stop	M8
		ASU-0001-120	606-000-007	without limit stop	M12
		ASU-0001-180	606-000-009	without limit stop	M18
		ASU-0001-300	606-000-011	without limit stop	M30

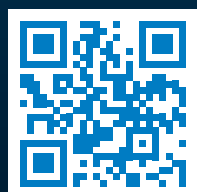
CONNECTING CABLES**	PART REFERENCE	ART. N°.	SIZE	PINS	CONFIG.	MATERIAL	LENGTH
	S08-3FVG-020	623-100-102	M8	3	straight	PVC	2 m
	S08-3FVW-020	623-100-101	M8	3	right angle	PVC	2 m
	S08-3FUG-020	623-100-106	M8	3	straight	PUR	2 m
	S08-3FUW-020	623-100-103	M8	3	right angle	PUR	2 m
	S12-4FVG-020	623-100-030	M12	4	straight	PVC	2 m
	S12-4FVW-020	623-100-031	M12	4	right angle	PVC	2 m

**More references available

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