



INDUCTIVE SENSORS

EXTREME

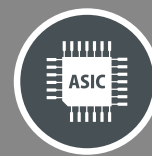
EXTREME DURABILITY IN HARSH ENVIRONMENTS

A
Swiss
Company

CONTRINEX
SENSORS SAFETY RFID

INDUCTIVE SENSORS

EXTREME



YOUR ADVANTAGES

- ✓ Virtually indestructible
- ✓ Longest operating distances
- ✓ Extremely robust
- ✓ High quality ASIC



MACHINE BUILDERS

EXTREME
BEST SOLUTION FOR EXTREME ENVIRONMENTS



MOBILE EQUIPMENT

EXTREME
LONG LIFE EXPECTANCY

EXTREME
DETECTION OF STEEL AND ALUMINUM
AT THE SAME DISTANCE

AUTOMOTIVE MANUFACTURING



EXTREME
NO FALSE SWITCHING DUE TO
METAL DUST OR CHIPS

METAL PROCESSING

OUR STRENGTHS

✓ PERFORMANCE, ROBUSTNESS AND DURABILITY

SOLUTIONS FOR EXTREME ENVIRONMENTS

- Mechanically and chemically resistant
- One-piece stainless steel, full-metal housing
- Corrosion resistant
- IP 68 and IP 69K



✓ UNIQUE TECHNOLOGY

OUTSTANDING SPECIFICATIONS DUE TO CONDET® TECHNOLOGY

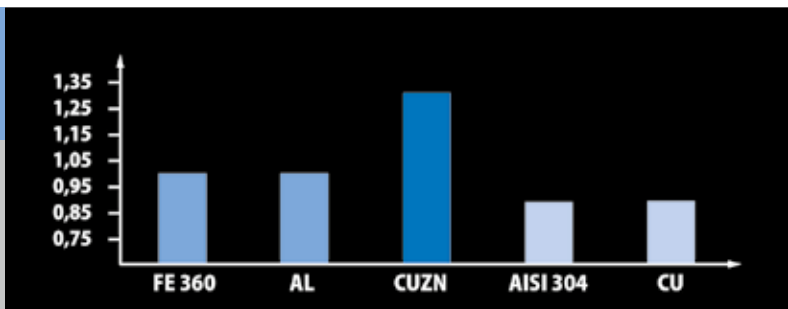
- Longest operating distances
- Factor 1: same operating distances on steel and aluminum
- Vibration and shock proof
- Outstanding temperature stability
- High switching frequencies



✓ TECHNICAL VALUES

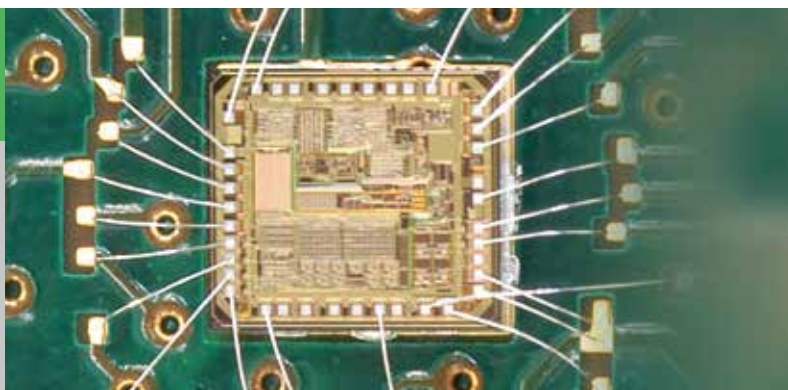
A COMPLETE FAMILY FOR HARSHTEST ENVIRONMENTS

- Sizes from M8 to M30
- Rated operating distances from S_n 3 to 40 mm
- Switching frequencies of up to 1000 Hz



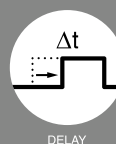
✓ POWERFUL CONTRINEX ASIC FROM THE WORLD LEADER IN SENSOR ASIC TECHNOLOGY

- 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 CONTRINEX SENSORS LEARN TO TALK

- 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









AVAILABLE PROGRAM


SENSORS

PART REFERENCE	ART. NO.	Ø	SN	MOUNTING	CONNECTION	OUTPUT
DW-AD-701-M8	320-020-151	M8	3	Embeddable	Cable	NPN N.O.
DW-AD-703-M8	320-020-153	M8	3	Embeddable	Cable	PNP N.O.
DW-AS-701-M8-001	320-020-156	M8	3	Embeddable	M8	NPN N.O.
DW-AS-703-M8-001	320-020-158	M8	3	Embeddable	M8	PNP N.O.
DW-AS-703-M8	320-020-173	M8	3	Embeddable	M12	PNP N.O.
DW-AD-711-M8	320-020-161	M8	6	Non-embeddable	Cable	NPN N.O.
DW-AS-713-M8-001	320-020-168	M8	6	Non-embeddable	M8	PNP N.O.
DW-AD-701-M12	320-420-201	M12	6	Embeddable	Cable	NPN N.O.
DW-AD-703-M12	320-420-203	M12	6	Embeddable	Cable	PNP N.O.
DW-AS-701-M12	320-420-206	M12	6	Embeddable	M12	NPN N.O.
DW-AS-703-M12	320-420-208	M12	6	Embeddable	M12	PNP N.O.
DW-AS-713-M12	320-420-218	M12	10	Non-embeddable	M12	PNP N.O.
DW-AD-701-M18	320-420-221	M18	10	Embeddable	Cable	NPN N.O.
DW-AD-703-M18	320-420-223	M18	10	Embeddable	Cable	PNP N.O.
DW-AS-703-M18-002	320-420-228	M18	10	Embeddable	M12	PNP N.O.
DW-AS-703-M18-120	320-420-544	M18	10	Embeddable	M12	PNP N.O.
DW-AD-713-M18	320-420-233	M18	20	Non-embeddable	Cable	PNP N.O.
DW-AS-713-M18-002	320-420-238	M18	20	Non-embeddable	M12	PNP N.O.
DW-AD-703-M30	320-420-243	M30	20	Embeddable	Cable	PNP N.O.
DW-AD-704-M30	320-420-244	M30	20	Embeddable	Cable	PNP N.C.
DW-AS-703-M30-002	320-420-248	M30	20	Embeddable	M12	PNP N.O.
DW-AS-713-M30-002	320-420-258	M30	40	Non-embeddable	M12	PNP N.O.

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
 S12-4FVG-020	623-100-030	M12	4	straight	PVC	2 m
 S12-4FVG-050	623-100-051	M12	4	straight	PVC	5 m
 S12-4FVW-020	623-100-031	M12	4	right angle	PVC	2 m
 S12-4FVW-050	623-100-048	M12	4	right angle	PVC	5 m

MOUNTING CLAMPS

PART REFERENCE	ART. NO.	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

Terms of delivery and right to change design reserved.

HEADQUARTERS

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