



INDUCTIVE SENSORS

# ANALOG OUTPUT

FOR DISTANCE CONTROL

A  
Swiss  
Company

**CONTRINEX**  
SENSORS SAFETY RFID

# INDUCTIVE SENSORS

## ANALOG OUTPUT



### YOUR ADVANTAGES

- ✓ Longest sensing ranges
- ✓ Excellent repeatability
- ✓ Best resolution



DW-AS-509-C8-390



DW-AS-509-M8-390



DW-AD-509-M12



DW-AD-509-M18-120

### SORTING & COUNTING MACHINERY

ANALOG OUTPUT  
ACCURACY COUNTS



### WIRE PROCESSING

ANALOG OUTPUT  
HIGHEST SENSITIVITY, LONGEST  
OPERATING DISTANCES

ANALOG OUTPUT  
VALVE MONITORING FOR SAFE  
PROCESSES

### VALVE CONTROL



ANALOG OUTPUT  
BEST RESOLUTION FOR HIGHEST  
PRINTING QUALITY

### PRINTING MACHINERY



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# OUR STRENGTHS

## ✓ LONG SENSING RANGES

### ACCURATE DETECTION OF TARGET MOVEMENTS

- ✱ Long-range distance measurement for moving targets
- ✱ Reliable detection of even the smallest objects due to high sensitivity
- ✱ No blind zone



## ✓ BEST ACCURACY

### THE MOST PRECISE SENSOR ON THE MARKET

- ✱ Recognition of minimal variations due to excellent repeatability
- ✱ Detection of slightest movements thanks to resolution in  $\mu\text{m}$  range
- ✱ Reliable process and position monitoring



## ✓ OUTSTANDING TEMPERATURE STABILITY

### PRECISE SIGNAL REGARDLESS OF ENVIRONMENTAL CONDITIONS

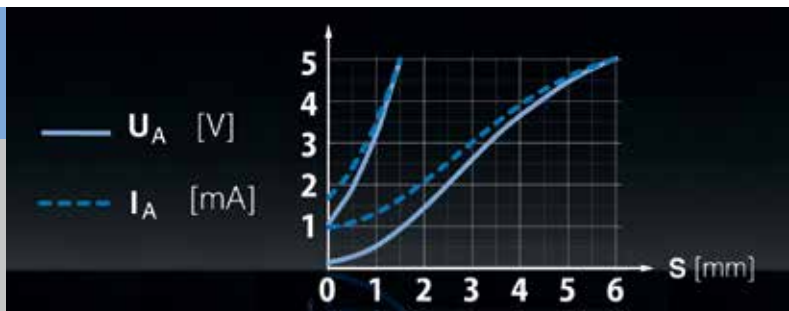
- ✱ Temperature range from  $-25^{\circ}\text{C}$ ... $+70^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$ ... $+158^{\circ}\text{F}$ )
- ✱ Minimal temperature drift



## ✓ TECHNICAL VALUES

### A FULL RANGE OF HIGH PRECISION ANALOG SENSORS

- ✱ Sizes from M8 to M30
- ✱ Rated operating distances from 0 - 4 mm to 0 - 40 mm
- ✱ Voltage and current output in one device



## ✓ ANALOG OUTPUT

### A SIMPLE SOLUTION FOR MANY TASKS

- ✱ Vibration and concentric monitoring
- ✱ Quality control
- ✱ Exact positioning
- ✱ Controlled end-position approach



# AVAILABLE PROGRAM

## SENSORS

| PART REFERENCE    | ART. NO.    | Ø   | SN       | MOUNTING         | CONNECTION |
|-------------------|-------------|-----|----------|------------------|------------|
| DW-AD-509-M8      | 320 020 140 | M8  | 0 ... 4  | Quasi-embeddable | Cable      |
| DW-AD-509-M8-390  | 320 020 143 | M8  | 0 ... 4  | Quasi-embeddable | Cable      |
| DW-AS-509-M8-390  | 320 020 145 | M8  | 0 ... 4  | Quasi-embeddable | M8         |
| DW-AS-509-M8-393  | 320 020 144 | M8  | 0 ... 4  | Quasi-embeddable | M12        |
| DW-AD-509-C8-390  | 320 420 107 | C8  | 0 ... 4  | Quasi-embeddable | Cable      |
| DW-AS-509-C8-390  | 320 420 125 | C8  | 0 ... 4  | Quasi-embeddable | M8         |
| DW-AD-509-M12     | 320 020 100 | M12 | 0 ... 6  | Quasi-embeddable | Cable      |
| DW-AS-509-M12     | 320 020 101 | M12 | 0 ... 6  | Quasi-embeddable | M12        |
| DW-AD-509-M12-120 | 320 020 110 | M12 | 0 ... 6  | Quasi-embeddable | Cable      |
| DW-AS-509-M12-120 | 320 020 111 | M12 | 0 ... 6  | Quasi-embeddable | M12        |
| DW-AD-509-M12-320 | 320 020 119 | M12 | 0 ... 6  | Quasi-embeddable | Cable      |
| DW-AS-509-M12-320 | 320 020 120 | M12 | 0 ... 6  | Quasi-embeddable | M12        |
| DW-AD-509-M12-390 | 320 020 103 | M12 | 0 ... 6  | Quasi-embeddable | Cable      |
| DW-AS-509-M12-390 | 320 020 104 | M12 | 0 ... 6  | Quasi-embeddable | M12        |
| DW-AD-509-M18-120 | 320 020 112 | M18 | 0 ... 10 | Quasi-embeddable | Cable      |
| DW-AD-509-M18-320 | 320 020 121 | M18 | 0 ... 10 | Quasi-embeddable | Cable      |
| DW-AS-509-M18-320 | 320 020 122 | M18 | 0 ... 10 | Quasi-embeddable | M12        |
| DW-AD-509-M18-390 | 320 020 116 | M18 | 0 ... 10 | Quasi-embeddable | Cable      |
| DW-AS-509-M18-390 | 320 020 105 | M18 | 0 ... 10 | Quasi-embeddable | M12        |
| DW-AS-509-M30-320 | 320 020 124 | M30 | 0 ... 20 | Quasi-embeddable | M12        |
| DW-AD-509-M30-390 | 320 020 117 | M30 | 0 ... 20 | Quasi-embeddable | Cable      |
| DW-AS-509-M30-390 | 320 020 118 | M30 | 0 ... 20 | Quasi-embeddable | M12        |
| DW-AD-519-M30-320 | 320 020 139 | M30 | 0 ... 40 | Non-embeddable   | Cable      |
| DW-AS-519-M30-390 | 320 020 138 | M30 | 0 ... 40 | Non-embeddable   | M12        |

## 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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