microsonic




extract from our online catalogue:

# *wms-4/4I*

current to: 2026-11-19

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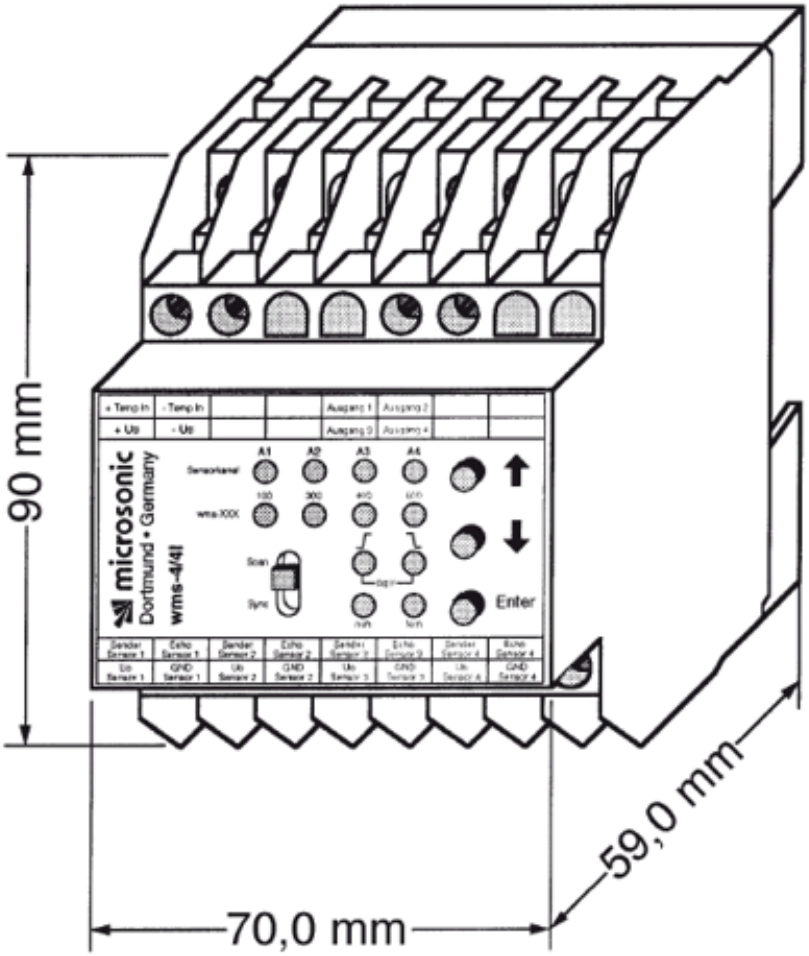
**Archivsensor**

# wms-4/4I

## scale drawing




| Successor model available | please inquire |
|---|---|
| 4 x analogue 4-20 mA | |
| design | cuboidal |
| operating mode | evaluator |
| particularities | archive sensor |

## Ultrasonic-Specific

| | |
|---|---|
| means of measurement | echo propagation time measurement |
| resolution | 0.36 mm |
| reproducibility | ± 0.15 % in scan (multiplex) mode, ± 0.45 % in synchronous mode |
| accuracy | temperature drift 0.17 %/K |

## Electrical Data

| | |
|---|---|
| operating voltage $U_B$ | 20 - 30 V d.c., reverse polarity protection |
| voltage ripple | ± 10 % |
| no-load current consumption | ≤ 50 mA (without sensors) |
| type of connection | screw terminals, wire cross-section 1.5 $mm^2$ |

## Outputs

| | |
|---|---|
| output 1 | analogue output<br>current: 4-20 mA<br>switchable rising/falling |
| Ausgang 2 | analogue output<br>current: 4-20 mA<br>switchable rising/falling |
| Ausgang 3 | analogue output<br>current: 4-20 mA<br>switchable rising/falling |
| Ausgang 4 | analogue output<br>current: 4-20 mA<br>switchable rising/falling |

## Inputs

| | |
|---|---|
| input 1 | control input |

## Housing

| | |
|---|---|
| material | plastic with 24 screw terminals, suitable for top-hat rail mounting to DIN EN 50022-35 |
| ultrasonic transducer | polyurethane foam, epoxy resin with glass contents |
| class of protection to EN 60529 | IP 20 |
| operating temperature | -20°C to +70°C non-condensing |
| storage temperature | -40°C to +85°C |
| weight | 200 g |

## Technical Features/Characteristics

| | |
|---|---|
| temperature compensation | no |
| controls | 3 push-buttons, 1 slider switch on front |
| scope for settings | at the evaluator |
| synchronization | yes |
| multiplex | yes |
| indicators | 4 x LED yellow: object in the window, 8 x LED green: status and programming |
| particularities | unklar |