



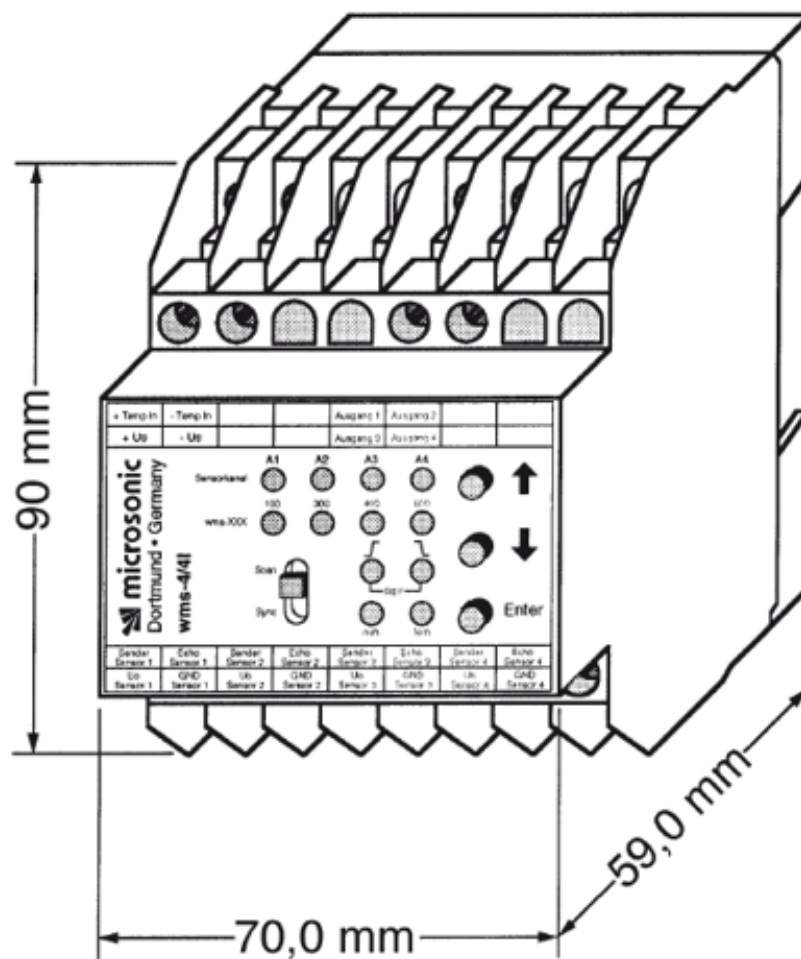
extract from our online catalogue:

**wms-4/4I II**

current to: 2026-09-03

# wms-4/4I II

scale drawing



Successor model available

please inquire



analo 4 x analogue 4-20 mA  
4-20  
mA

design

cuboidal

operating mode

evaluator

## 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              | $\pm 10 \%$                                            |
| no-load current consumption | $\leq 50 \text{ mA}$ (without sensors)                 |
| type of connection          | screw terminals, wire cross-section $1.5 \text{ mm}^2$ |

## 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 |