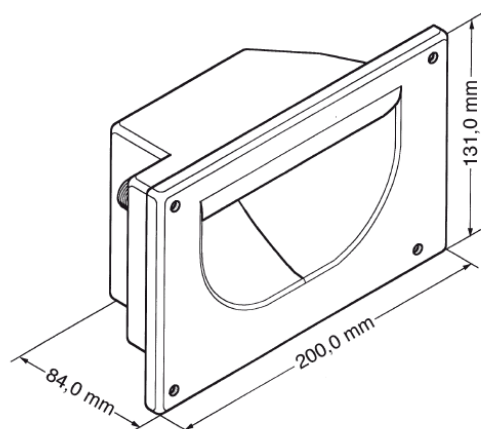
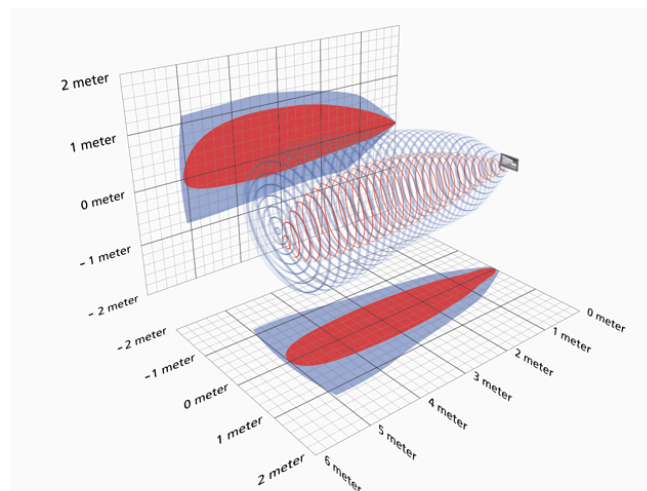




extract from our online catalogue:

wms-501/RT

current to: 2026-09-21

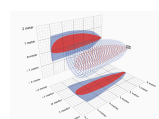
wms-501/RT**scale drawing****detection zone**

Successor model available

please inquire



echo output



5,000 mm

design

cuboidal

operating mode

sensor for evaluators

particularities

asymmetrical sound field

Ultrasonic-Specific

means of measurement

echo propagation time measurement

transducer frequency

40 kHz

blind zone

100 mm

operating range

4.000 mm

max. range

5,000 mm

reproducibility

 $\pm 0.15 \%$

accuracy

temperature drift $0.17 \%/K$ **Electrical Data**operating voltage U_B

10 - 30 V d.c., reverse polarity protection

voltage ripple

 $\pm 10 \%$

no-load current consumption

 $\leq 30 \text{ mA}$

type of connection

4-pin M12 initiator plug

outputs

output 1

signal output echo

pnp: $I_{\max} = 10 \text{ mA}$ (signal output echo)

Inputs

input 1	signal input - transmitter
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housing

material	polystyrene
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 54
operating temperature	-10°C bis +50°C
storage temperature	-20°C to +70°C
weight	530 g

Technical Features/Characteristics

temperature compensation	no
controls	no
scope for settings	no
synchronization	yes
multiplex	yes
indicators	no

Accessories

deployable accessory	KST4A-2/M12 KST4A-5/M12 KST4G-2/M12 KST4G-5/M12
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pin assignment

