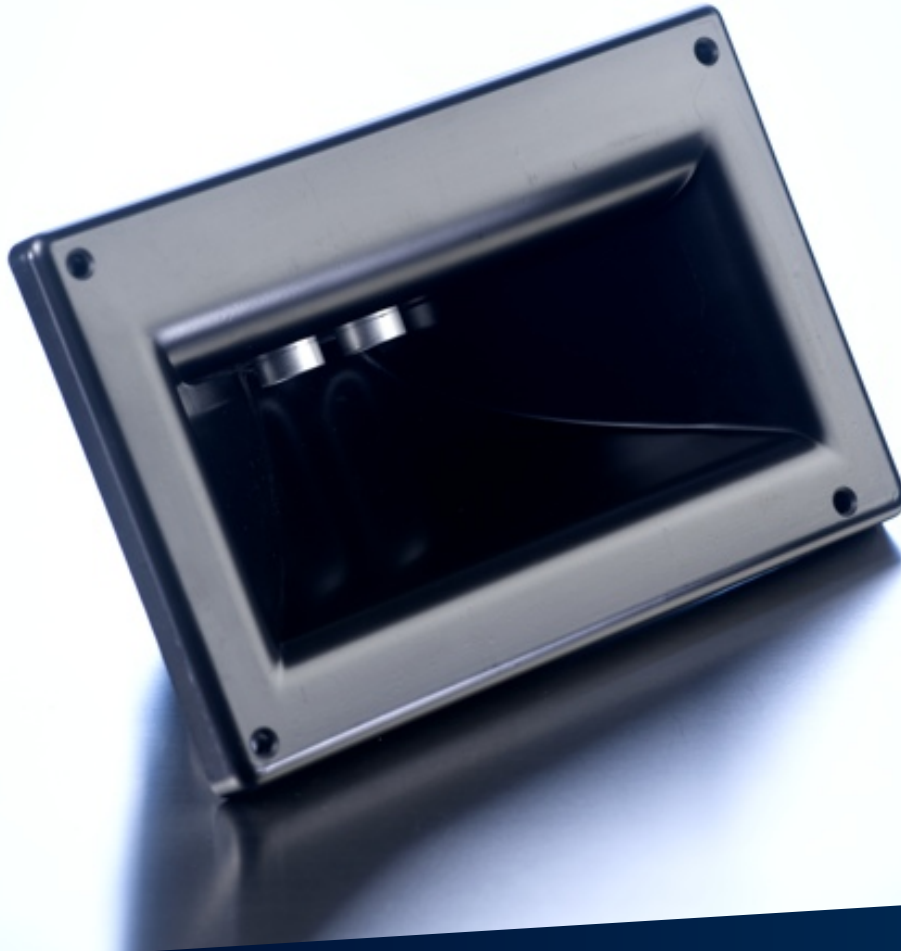
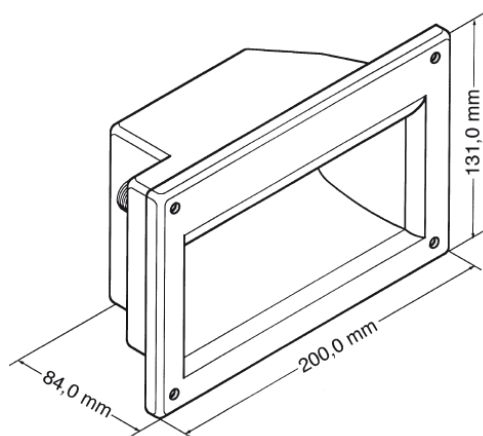
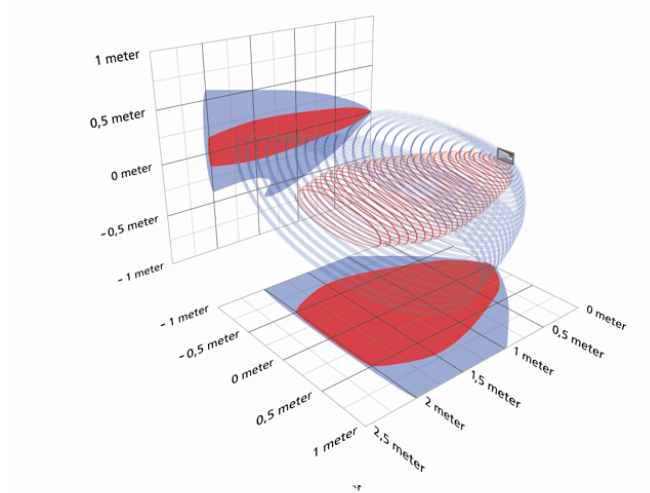




extract from our online catalogue:

wms-251/RT

current to: 2026-09-03

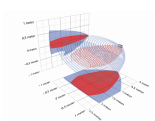
wms-251/RT**scale drawing****detection zone**

Successor model available

please inquire



echo output



2,500 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

2.500 mm

max. range

2,500 mm

reproducibility

± 0.15 %

accuracy

temperature drift 0.17 %/K

Electrical Dataoperating voltage U_B

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

voltage ripple

± 10 %

no-load current consumption

≤ 30 mA

type of connection

4-pin M12 initiator plug

outputs

output 1

signal output echo

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

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

