



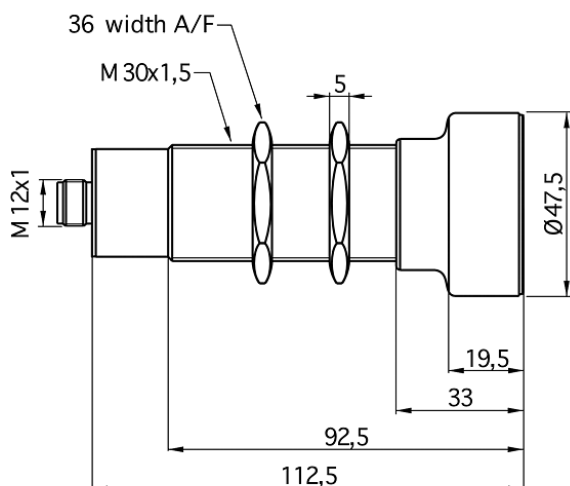
extract from our online catalogue:

wms-301/RT/HV/M30E

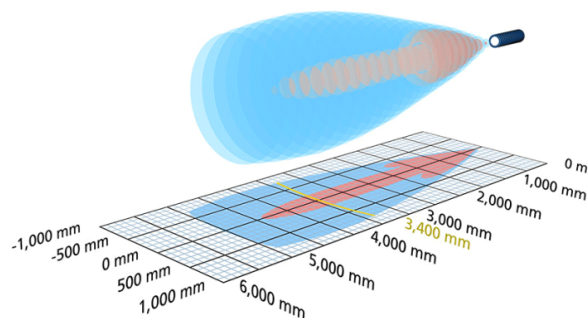
current to: 2026-09-03

wms-301/RT/HV/ M30E

scale drawing



detection zone



Successor model available

please inquire



echo output

5,000 mm

design

cylindrical M30

operating mode

sensor for evaluators

particularities

archive sensor
stainless steel version

Ultrasonic-Specific

means of measurement

echo propagation time measurement

transducer frequency

120 kHz

blind zone

350 mm

operating range

3.400 mm

max. range

5,000 mm

reproducibility

± 0.15 %

accuracy

temperature drift 0.17 %/K

Electrical Data

operating 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: $I_{max} = 10$ mA (signal output echo)

Inputs

input 1	signal input - transmitter
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housing

material	stainless steel, plastic parts, PBT
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 65
operating temperature	-20°C to +70°C
storage temperature	-40°C to +85°C
weight	280 g
further versions	wms-301/RT/HV/M30

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

