microsonic



extract from our online catalogue:

wms-301/RT/HV/ M30E

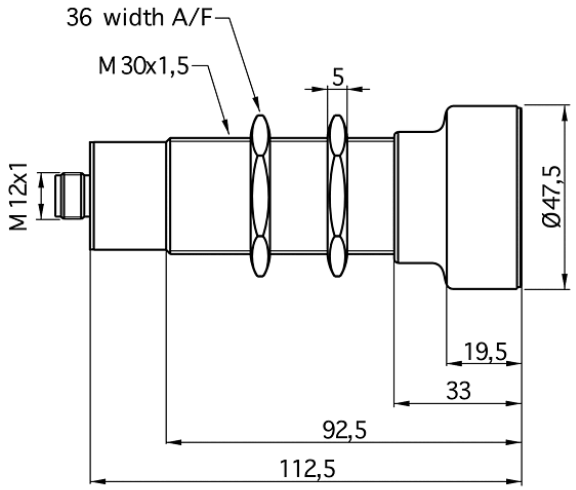
current to: 2026-11-19

microsonic GmbH / Phoenixseestraße 7 / 44263 Dortmund / Germany / **T** +49 231 975151-0 / **F** +49 231 975151-51 / **E** info@microsonic.de
microsonic® ist eine eingetragene Marke der microsonic GmbH. Alle Rechte vorbehalten. Änderungen vorbehalten.

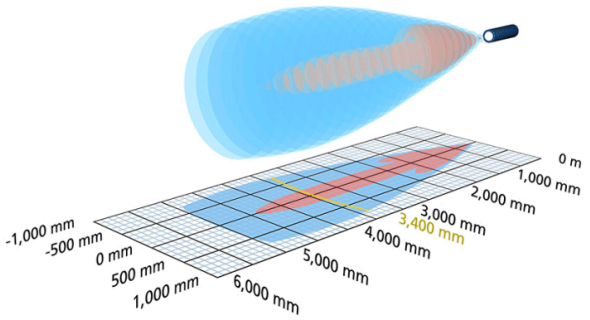
Archivsensor

wms-301/RT/HV/ M30E

scale drawing



detection zone



Successor model available	please inquire
TRIGGER ECHO 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

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

pin assignment

