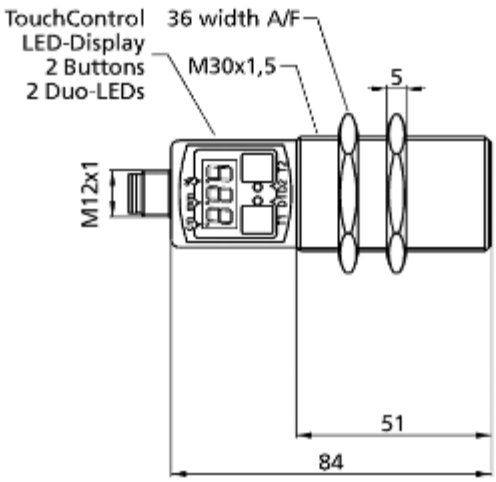
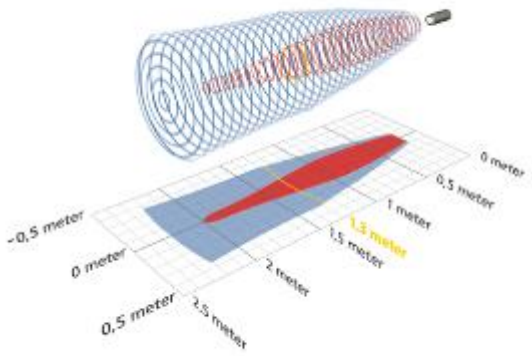
mic+130/IU/TC

é mark for sensor comparison

housing **detection zone**





1 x analogue 4-20 mA + 0-10 V2,000 mm

operating range	200 - 1,300 mm
design	cylindrical M30
operating mode	analogue distance measurements

ultrasonic -specific

means of measurement	echo propagation time
transducer frequency	200 kHz
blind zone	200 mm
operating range	1,300 mm
maximum range	2,000 mm
angle of beam spread	please see graphics detection zone
resolution/sampling rate	0.18 mm
reproducibility	± 0.15 %
accuracy	⩽ 2 % (temperature drift internal compensation)

electrical data

operating voltage U_B	9 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
no-load current consumption	⩽ 80 mA
type of connection	5-pin M12 initiator plug

outputs

output 1	analogue output current: 4-20 mA / voltage: 0-10 V (at U_B ⩾ 15 V), short-circuit-

	proof switchable rising/falling
response time	110 ms
delay prior to availability	< 300 ms

inputs

input 1	com input synchronisation input

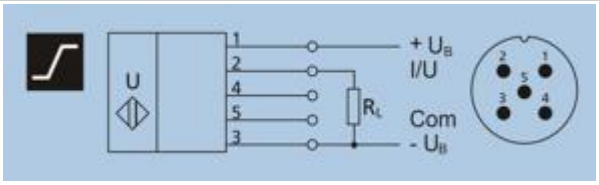
housing

material	brass sleeve, nickel-plated, plastic parts, PBT, TPU
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	110 g
further versions	stainless steel cable connection (on request)
further versions	mic+130/IU/TC/E

technical features/characteristics

temperature compensation	yes
controls	2 pushbuttons + LED display (TouchControl)
scope for settings	Teach-in TouchControl LCA-2 with LinkCopy or LinkControl software
synchronization	yes
multiplex	yes
indicators	3-digit LED display, 2 x three-colour LED
particularities	display

documentation & accessories

user's manual	BA_ENG_mic+xxxIU.pdf
STEP	mic+130_XX_TC_STP.zip
IGS	mic+130_XX_TC_IGS.zip
IPT	mic+130_XX_TC_IPT.zip
PDF	mic+130_XX_TC_PDF.zip
SAT	mic+130_XX_TC_SAT.zip
deployable accessory	KST5A-2/M12 KST5A-5/M12 KST5G-2/M12 KST5G-5/M12 BF-30 UF-90/M30 LCA-2 LCA-2 Koffer SyncBox1
pin assignment	
order no.	**mic+130/IU/TC**