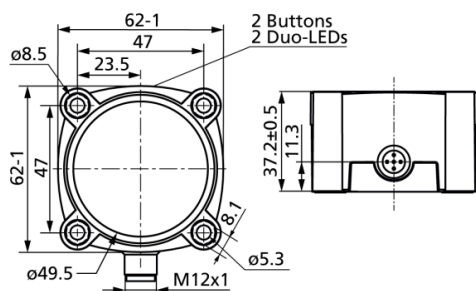
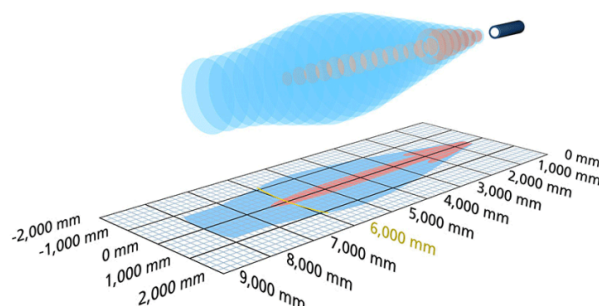




extract from our online catalogue:

lcs+600/F

current to: 2026-09-22

Ics+600/F**scale drawing****detection zone**

Successor model available

Ics+600/F/A



1 x Push-Pull

8,000 mm

design

cuboidal

operating mode

 IO-Link
 proximity switch/reflective mode
 reflective barrier
 window mode

particularities

 IO-Link
 UL Listed
Ultrasonic-Specific

means of measurement

echo propagation time measurement

transducer frequency

80 kHz

blind zone

600 mm

operating range

6.000 mm

max. range

8,000 mm

resolution

0.18 mm

reproducibility

± 0.15 %

accuracy

± 1 % (temperature drift internally compensated)

Electrical Dataoperating voltage U_B

9 - 30 V d.c., reverse polarity protection

voltage ripple

± 10 %

no-load current consumption

≤ 60 mA

type of connection

5-pin M12 initiator plug

outputs

output 1	switching output Push-Pull, $U_B-3\text{ V}$, $-U_B+3\text{ V}$, $I_{\max} = 100\text{ mA}$
switching frequency	3 Hz
response delay	240 ms
delay prior to availability	< 450 ms

Inputs

input 1	com input synchronisation input
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housing

material	PBT
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	240 g

Technical Features/Characteristics

temperature compensation	yes
controls	2 push-buttons
scope for settings	Teach-in via push-button LCA-2 with LinkControl IO-Link
synchronization	yes
multiplex	yes
indicators	2 x three-colour LED

Accessories

deployable accessory	KST5A-2/M12 KST5A-5/M12 KST5G-2/M12 KST5G-5/M12 LCA-2 LCA-2 Koffer
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pin assignment

