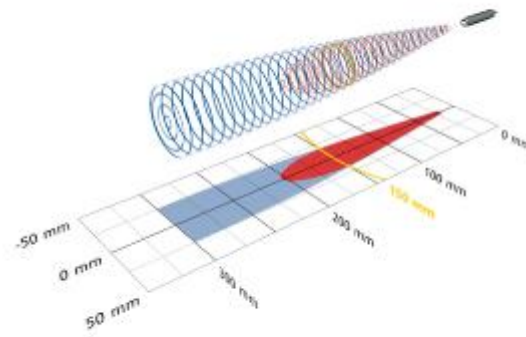
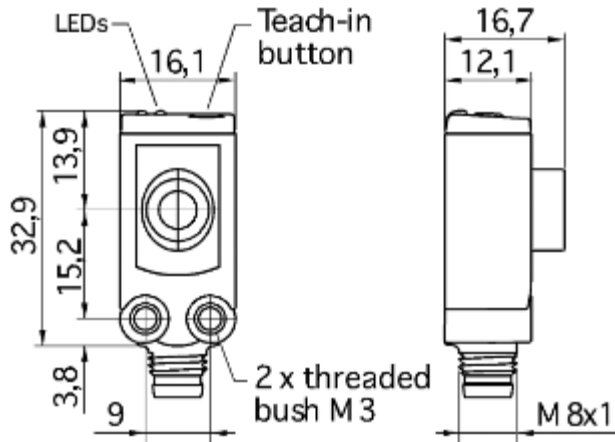


sks-15/D

€ mark for sensor comparison

housing detection zone



1 x pnp250 mm

operating range	20 - 150 mm
design	colloidal
operating mode	proximity switch/reflective mode reflective barrier window mode
ultrasonic -specific	
means of measurement	echo propagation time
transducer frequency	380 kHz
blind zone	20 mm
operating range	150 mm
maximum range	250 mm
angle of beam spread	please see graphics detection zone
resolution/sampling rate	0.10 mm
reproducibility	± 0.15 %
accuracy	temperature 0.17 %/K
electrical data	
operating voltage U_B	20 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
no-load current consumption	≤ 25 mA
type of connection	3-pin M8 initiator plug

outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	2.0 mm
switching frequency	25 Hz
response time	32 ms
delay prior to availability	< 300 ms

housing

material	ABS
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	8 g

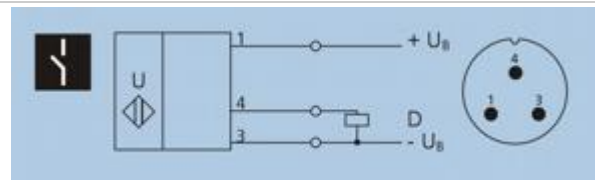
technical features/characteristics

temperature compensation	no
controls	1 pushbutton
scope for settings	teach-in
synchronization	no
multiplex	no
indicators	1 x LED green: working, 1 x LED yellow: switch status
particularities	minimum colloidal design narrow sound field

documentation & accessories

user's manual	BA_ENG_sks.pdf
STEP	sks-15_XX_STP.zip
IGS	sks-15_XX_IGS.zip
IPT	sks-15_XX_IPT.zip
PDF	sks-15_XX_PDF.zip
SAT	sks-15_XX_SAT.zip
deployable accessory	KST3A-2/M8 KST3A-5/M8 KST3G-2/M8 KST3G-5/M8

pin assignment



order no. **sks-15/D**