



extract from our online catalogue:

pico-ust 25/CD/S/HV/M18E

current to: 2026-09-03

pico-ust 25/CD/S/HV/M18E

scale drawing



detection zone



Successor model available

pico+25/F/A

1 x pnp

350 mm

design	cylindrical M18
operating mode	proximity switch/reflective mode
particularities	stainless steel version

Ultrasonic-Specific

means of measurement	echo propagation time measurement
transducer frequency	320 kHz
blind zone	30 mm
operating range	250 mm
max. range	350 mm
resolution	0.36 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	switching output pnp: $I_{max} = 500 \text{ mA}$ ($U_B - 2V$) NOC, short-circuit-proof
switching hysteresis	2.0 mm
switching frequency	25 Hz
response delay	24 ms
delay prior to availability	< 300 ms

Inputs

input 1

Teach-in input

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

60 g

further versions

high chemical resistance

Technical Features/Characteristics

temperature compensation

no

controls

control input

scope for settings

Teach-in

synchronization

no

multiplex

no

indicators

no

Accessories

deployable accessory

KST4A-2/M12
KST4A-5/M12
KST4G-2/M12
KST4G-5/M12
BF-18
UF-90/M18
Aufschraubdom M18

pin assignment

