



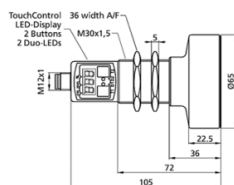
extract from our online catalogue:

vnp-600/DD/TC

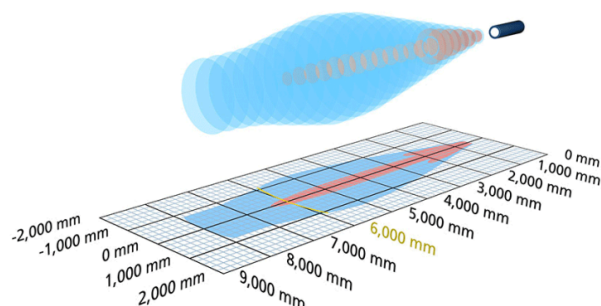
current to: 2026-09-21

vnp-600/DD/TC

scale drawing



detection zone



Successor model available

please inquire



2 x pnp



design

cylindrical M30

operating mode

proximity switch/reflective mode
window mode

particularities

virtual zero settable
display

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 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	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof
Ausgang 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	100 mV
switching frequency	2 Hz
response delay	240 ms
delay prior to availability	< 300 ms

Inputs

input 1	com input synchronisation input teach-in input
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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	220 g

Technical Features/Characteristics

temperature compensation	yes
controls	2 push-buttons + LED display (TouchControl) com input
scope for settings	Teach-in and numeric configuration via TouchControl LCA-2 with LinkControl
synchronization	yes
multiplex	yes
indicators	3-digit LED display, 2 x three-colour LED

Accessories

deployable accessory	KST5A-2/M12 KST5A-5/M12 KST5G-2/M12 KST5G-5/M12 BF-30 UF-90/M30 LCA-2
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pin assignment

