



Magneto-resistive Sensors

Series 300 • 10 - PNP

Housing M12 x 1

- Housing material: Stainless steel VA
- Sensing distance $S_n = 0.5 \text{ mm}$
- Length = 65 mm

Certificate:



Technical data

Flush mountable

Operating distance S_n

0.5 mm

Electrical version

3-wire DC

Output

Normally open (NO)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

MRS-300-M12-10-S

Art.-No.

360 105

Connection diagram No.

4

Operating voltage (U_B)

10...35 V DC

Output current max. (I_o)

250 mA

Voltage drop max. (U_d)

$\leq 2.5 \text{ V}$

Permitted residual ripple max.

10 %

No-load current (I_o)

Typ. 15 mA

Frequency of operating cycles min. / max.

0,5 Hz / 10 kHz

Permitted ambient temperature

-40...+125 °C

LED-display

Yellow

Protective circuit

Built-in

Degree of protection IEC 60529

IP 67

Norm

EN 60947-5-2

Connection cable

2 m, silicone, 3 x 0.34 mm²

Housing material

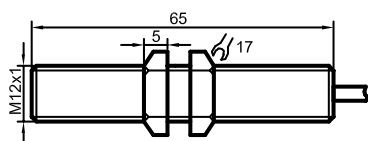
VA No. 1.4305

Active surface

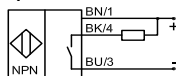
VA No. 1.4305

Lid

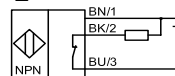
PEEK (FDA 21 CFR 177.2415)



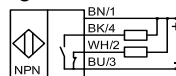
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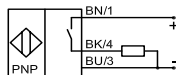
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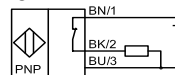
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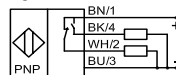
4



5



6



Made in Germany

All specifications are subject to change without notice. (01.09.2010)