



## Magneto-resistive Sensors

### Series 300 • 10 - PNP

Housing M12 x 1

- Housing material: Stainless steel VA
- Sensing distance  $S_n$  1.5 mm

Certificate:



#### Technical data

Flush mountable

Operating distance  $S_n$  1.5 mm

Electrical version 3-wire DC

Output NO

#### Type NPN

Art.-No.

Connection diagram No.

**Type PNP MRS-300-M12-10-S**

Art.-No. **MR 0001**

Connection diagram No. 4

Operating voltage ( $U_B$ ) 10...35 V DC

Output current max. ( $I_o$ ) 250 mA

Voltage drop max. ( $U_d$ )  $\leq 2.5$  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

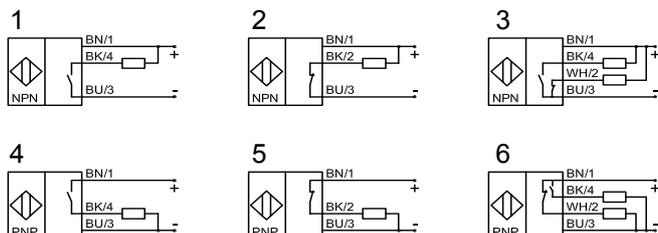
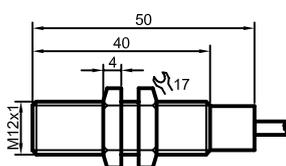
Norm EN 60947-5-2

Connection cable 5 m, silicone, 3 x 0.34 mm<sup>2</sup>

Housing material VA No. 1.4305

Active surface VA No. 1.4305

Lid PEEK (FDA 21 CFR 177.2415)



**Made in Germany**

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