



Magneto-resistive Sensors

Series 300 • 10 - PNP

Housing M 12 x 1

- Housing material: PEEK
- For detection of dynamic proceedings (e. g. speed control)
- Detection of ferromagnetic metal parts
- Sensing distance $S_n = 1,5$ mm
- Length = 130 mm
- With flange connector M 12 x 1

Certificate:



Technical data

Flush mountable

Operating distance S_n	1.5 mm
Electrical version	3-pin DC
Output	Normally open (NO)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

MRS-300-M12-10-S-PEEK-Y5

Art.-No.

MR 0009

Connection diagram No.

4

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

Output current max. (I_o) 250 mA

Voltage drop max. (U_d) ≤ 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 -25...+70 °C

LED-display -

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

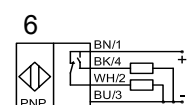
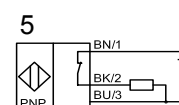
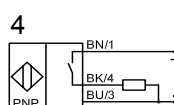
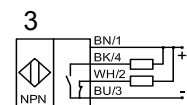
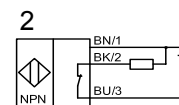
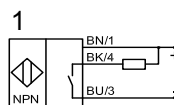
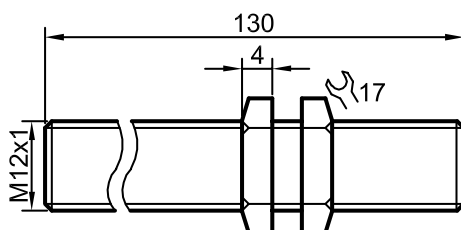
Norm EN 60947-5-2

Connection Flange connector M 12 x 1

Housing material PEEK (FDA 21 CFR 177.2415)

Active surface PEEK (FDA 21 CFR 177.2415)

Lid -



Made in Germany

All specifications are subject to change without notice. (30.09.2010)