



Magneto-resistive Sensors Series 300 • 10 - PNP

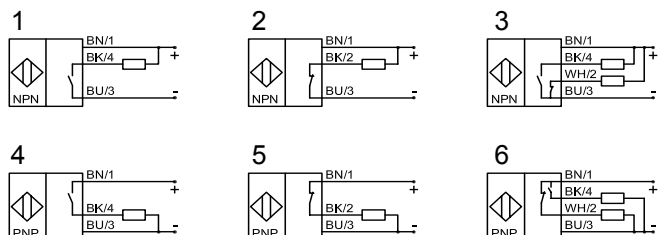
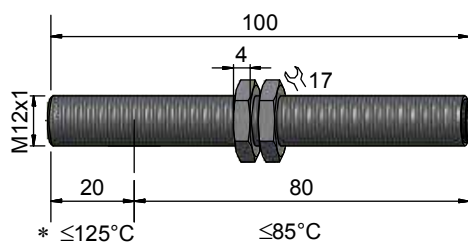
Housing M 12 x 1

- Housing material: Stainless steel VA
- Magneto-resistive sensors detect ferromagnetic targets, such as gear wheels, wipers, slitting discs, gear rods, etc.
- Contactless detection of rotary motion, therefore wear-free and maintenance-free operation.
- Measuring range from 0 Hz up to 25 kHz. Ideal for the safe detection of creeping movements as well as fast rotary motions.
- Measuring gear wheel modul size 0.7...4.00
- Width of target gear wheel ≥ 10 mm
- With flange connector M 12 x 1

Certificate:



Technical data	Flush mountable
Operating sensing distance S_a	< 2 mm (Modul 4), < 1 mm (Modul 1)
Electrical version	3-pin DC
Output	Normally open
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
MRS-300-M12-10-S-Y5	
Art.-No.	
360 180	
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. 10 mA
Frequency of operating cycles min. / max.	0,5 Hz / 25 kHz
Permitted ambient temperature	-40...+85 °C / 125 °C*
LED-display	-
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67, IP 69K
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Va No. 1.4305
Active surface	Va No. 1.4305
Lid	-



All specifications are subject to change without notice. (03/2014)

Made in Germany