



Magneto-resistive Sensors
Series 300 • 20 - NPN
Series 300 • 10 - PNP

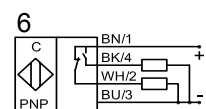
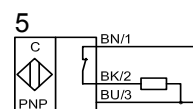
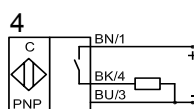
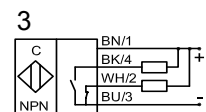
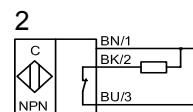
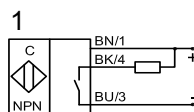
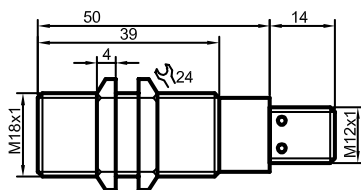
- Housing M 18 x 1
- Housing material: Stainless steel VA
 - Sensing distance Sn 3 mm
 - With flange connector M 12 x 1

Certificate:



Technical data	Flush mountable
Operating distance S_n	3 mm
Operating distance min. / max. adjustable	-
Electrical version	3-pin DC
Output	Normally open (NO)
Type NPN	MRS-300-M18-20-S-Y5
Art.-No.	MR 0015
Connection diagram No.	1
Type PNP	MRS-300-M18-10-S-Y5
Art.-No.	MR 0016
Connection diagram No.	4
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	250 mA
Load current min.	-
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 / 15 kHz
Permitted ambient temperature	-40...+70 °C
LED-display	Yellow
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	VA No. 1.4305
Active surface	VA No. 1.4305
Lid	-

All specifications are subject to change without notice. (31.08.2010)



Made in Germany