



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

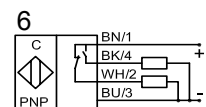
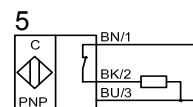
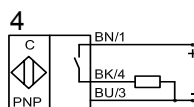
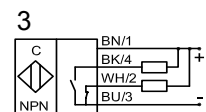
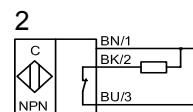
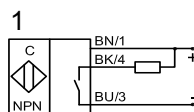
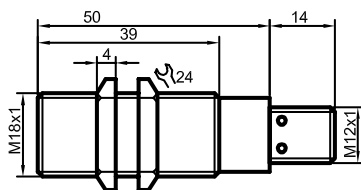
- Housing M 18 x 1
- Housing material: Stainless steel VA
- Sensing distance Sn 3 mm
- With flange connector M 12 x 1

Certificate:



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	3 mm
Operating distance min. / max. adjustable	-
Electrical version	3-pin DC
Output	Normally open (NO)
<b>Type NPN</b>	<b>MRS-300-M18-20-S-Y5</b>
<b>Art.-No.</b>	<b>MR 0015</b>
Connection diagram No.	1
<b>Type PNP</b>	<b>MRS-300-M18-10-S-Y5</b>
<b>Art.-No.</b>	<b>MR 0016</b>
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. ( $U_d$ )	$\leq 2.5$ V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles min. / max.	0,5 Hz / 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**