

# INDUCTIVE SENSOR - VR

**Rectangular housing  
Cable output**

**TYPE - ART. NO.**  
**VR-10-S - SM105042**  
**VR-10-O**  
**VR-20-S - SM205028**

**DESCRIPTION**  
**10 = PNP**  
**20 = NPN**  
**S = normally open**  
**O = normally closed**

## DIMENSIONS AND TECHNICAL DATA



Operating distance $S_n$	2 mm
Flush mounting	yes
Electrical version	3 wires DC
Operating voltage $U_b$	10...35 Vdc
Output current max. $I_e$	max. 250mA
Voltage drop $U_d$	max. $\leq 3.5$ V
Permitted residual ripple	max. 10%
No load current $I_o$	tip. 15mA
Frequency of operating cycles	max. 2 KHz
Hysteresis	< 10 %
Repeat accuracy	< 1 %
Permitted ambient temperature	-20...+70°C
Temperature drift	< 10 %
Led display	yellow
Protective circuit	built-in
Degree of protection	(IEC 529) IP 67
Housing material	PA
Active surface	PA
Connection	cable 2m, PVC, 3x0.14mm <sup>2</sup>
Maximum torque Nm	-

Ed. E/12 - All specifications are subject to change without notice

