

Capacitive sensor | PNP | 10-30Vdc | type CP10-A14-A-K-PTFE-Y3



The Teflon PTFE case has been made with material that meets the food suitability requirements according to the Regulation 1935/2004, 2023/2006, EU 10/2011 e FDA CFR 21 177

- Dimension M30x1.5
- Flush mounting
- Housing and nuts in PTFE
- Microprocessor-controlled output management
- Customized label available (minimum 20 units)
- Multi-turn trimmer for precise sensitivity adjustment
- Output customization is available upon request

Technical data

Operating distance S_n (mm), flush mounting	10, yes
Operating distance min./max. (mm) adjustable	0,5...20
Electrical version	4-pin DC
Output function	antivalent
Type PNP	SM-CP008 CP10-A14-A-K-PTFE-Y3
Connection diagramme pin/wires	1 = brown 2 = white 3 = blue 4 = black
Operating voltage (U_b)	10...30 V DC
Output current max (I_e)	2 x 200 mA
No load current (I_o)	≤ 2.0 V
Voltage drop max. (U_d)	5%
Permitted residual ripple max.	< 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70°C
Led display	yellow
Protective circuit	built-in
Degree of protection IEC 60529	IP67
Norms	EN 60947-5-2
Connection	connector M12x1
Housing material	PTFE (1935/2004, 2023/2006, EU 10/2011 e FDA CFR 21 177)
Active surface material	PTFE (1935/2004, 2023/2006, EU 10/2011 e FDA CFR 21 177)
Lid material	PA/PPO

