

## Capacitive sensor | PNP | 10-30Vdc | type CP10-A14-A-PTFE/MS-Y3



- Dimension M30 x 1.5
- Flush mounting
- Housing and nuts in nickel-plated brass
- 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-CP011<br>CP10-A14-A-PTFE/MS-Y3                        |
| Connection diagramme pin/wires                | 1 = brown<br>2 = white<br>3 = blue<br>4 = black          |
| Operating voltage ( $U_b$ )                   | 10...30 V DC                                             |
| Output current max ( $I_e$ )                  | 2 x 200 mA                                               |
| No load current ( $I_o$ )                     | < 15mA                                                   |
| Voltage drop max. ( $U_d$ )                   | $\leq 2.0$ V                                             |
| Permitted residual ripple max.                | 5%                                                       |
| 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                              | nickel-plated brass                                      |
| Active surface material                       | PTFE (1935/2004, 2023/2006, EU 10/2011 e FDA CFR 21 177) |
| Lid material                                  | PA/PPO                                                   |

