

Data sheet

proxistor® Capacitive sensors DC

- 4-wire M30 threaded
- M12 connector
- N/O & N/C complimentary
- ESD protected

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|--------------------------------|------------------|-------------------------------|------------------|
| PNP (Complimentary) | CPU-010V-DFT-AS | Wiring | 4-wire |
| NPN (Complimentary) | CNU-010V-DFT-AS | Rated operational voltage | 7 to 30 DC V |
| Mounting | shielded | Rated operational current | 350 mA |
| Rated operating distance Sn | 10 mm | Utilisation category | DC 13 |
| Repeatability | ≤ 10 % | Impulse voltage withstand | 1kV 1.2 / 50µs V |
| Function indication | yes | Inrush current | 1.5 A |
| Ambient temperature range | -25 °C to +70 °C | Frequency of operating cycles | 10Hz |
| Pollution degree | 3 | Minimum operational current | ≤ 0.01 mA |
| Time delay before availability | ≤ 220 ms | No-load supply current | ≤ 8 / 8 mA |
| Housing size | M30 mm | Off-state current | ≤ 100µA |
| Housing material | PBT | Voltage drop | ≤ 1 V |
| Degree of protection | IP 67 | Short circuit protection | yes (pulsed) |
| Connection | M12 connector | Reverse polarity protection | yes |
| Current type | DC | | |

