

Data sheet

proxistor® Capacitive sensors DC

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

PNP (Complimentary)	CPU-020V-DTN	Wiring	4-wire
NPN (Complimentary)	CNU-020V-DTN	Rated operational voltage	7 to 30 DC V
Mounting	unshielded	Rated operational current	350 mA
Rated operating distance Sn	20 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		

