

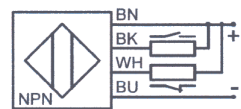
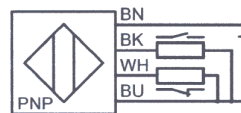
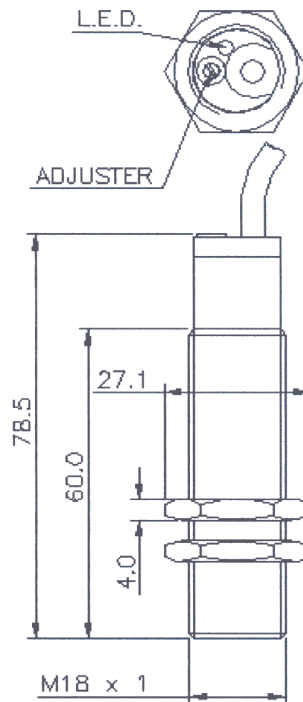
# proxistor® Capacitive Sensors DC



- 4 Wire M18 Threaded
- 2.1m PVC Lead
- N/O & N/C Complimentary
- ESD Protected



| Function                       | Part number      |
|--------------------------------|------------------|
| PNP (Complimentary)            | CPU-010V-CSN     |
| NPN (Complimentary)            | CNU-010V-CSN     |
| Mounting                       | Shielded / Flush |
| Rated operating distance Sn    | mm 10 ± 10%      |
| Repeatability                  | % ≤ 10           |
| Function Indication            | Yes              |
| Ambient temperature range      | °C -25 to +80    |
| Pollution Degree               | 3                |
| Time delay before availability | ms ≤ 300         |
| Housing Size                   | mm M18           |
| Housing material               | PBT              |
| Degree of protection           | IP67             |
| Connection                     | Cable            |
| Cable type                     | 2m 4w PVC Cable  |
| Current type                   | DC               |
| Wiring                         | 4-Wire           |
| Rated operational voltage      | V 8 to 30 DC     |
| Rated operational current      | mA 350           |
| Supply voltage                 | V 7 to 30 DC     |
| Impulse voltage withstand      | V 1kV 1.2/50µs   |
| Ripple                         | % -              |
| Rated supply frequency         | Hz 25Hz          |
| Minimum operational current    | mA ≤ 0.1         |
| No-load supply current         | mA ≤ 10 / 10     |
| Off-state current              | µA ≤ 10          |
| Voltage drop                   | V ≤ 2.5          |
| Short circuit protection       | Yes (Pulsed)     |
| Reverse polarity protection    | Yes              |



**General Note**  
 AB Electronic Limited reserves the right to make changes in product specification without notice or liability.  
 All Information is subject to AB's own data and is considered accurate at time of going to print.

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