

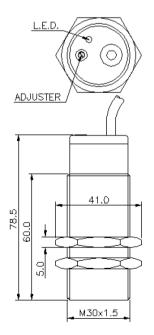
## Data sheet

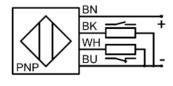
## proxistor® Capacitive sensors DC

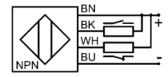
- 4-wire M30 threaded
- 2m PVC lead
- N/O & N/C complimentary
- ESD protected

| PNP (Complimentary)                            | CPU-020V-DSN       | Current type  | DC                      |
|--|--------------------|---|-------------------------|
| NPN (Complimentary)                            | CNU-020V-DSN       | Wiring  | 4-wire                  |
| Mounting                                       | unshielded         | Rated operational voltage                             | 7 to 30 DC V            |
| Rated operating distance Sn                    | 20 mm              | Rated operational current                             | 350 mA                  |
| Repeatability                                  | ≤ 10 %             | Utilisation category                                  | DC 13                   |
| Function indication                            | yes                | Impulse voltage withstand                             | 1kV 1.2 / 50µs V        |
| Ambient temperature range                      | -25 °C to +70 °C   | Inrush current  | 1.5 A                   |
| Pollution degree                               | 3                  | Frequency of operating cycles                         | 10Hz                    |
|  |                    |   |                         |
| Time delay before availability                 | ≤ 220 ms           | Minimum operational current                           | ≤ 0.01 mA               |
| Time delay before availability<br>Housing size | ≤ 220 ms<br>M30 mm | Minimum operational current<br>No-load supply current | ≤ 0.01 mA<br>≤ 8 / 5 mA |
|  |                    |   |                         |
| Housing size                                   | M30 mm             | No-load supply current                                | ≤ 8 / 5 mA              |
| Housing size Housing material                  | M30 mm<br>PBT      | No-load supply current<br>Off-state current           | ≤ 8 / 5 mA<br>≤ 100µA   |









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This catalogue gives no information on product availability. The information is only for product description and is not legally binding. Any technical item is subject to change.