

Features

- M18, M30 cylindrical housing.
- The sensing distance is from 2mm to 30mm.
- Capacitive proximity sensors have a fourteen turn potentiometer.
- All models have easy to identify operator indicator.
- Wide operating voltage range 10~30 VDC.



Specifications

| Type | PC-M18 | | | | PC-M30 | | | | |
|--------------------------|----------------------------------------|------------|-------------|------------|-------------|------------|-------------|------------|--------------|
| | PC-M1810-N | PC-M1810-P | PC-M1815-N | PC-M1815-P | PC-M3020-N | PC-M3020-P | PC-M3025-N | PC-M3025-P | PC-M3030-A |
| Output method | NPN.NO | PNP.NO | NPN.NO | PNP.NO | NPN.NO | PNP.NO | NPN.NO | PNP.NO | AC SCR |
| Sensing distance | 2 ~ 8 mm | | 2 ~ 15 mm | | 2 ~ 20 mm | | 2 ~ 25 mm | | 30 mm |
| Supply voltage | 10 ~ 30VDC | | | | | | | | 90 ~ 250VAC |
| Voltage drop | <0.8VDC / 50mA, <2VDC / 300mA | | | | | | | | - |
| Max. Load current | 300mA | | | | | | | | 100mA |
| Max. leakage current | <0.01mA | | | | | | | | <2.0mA |
| No load current | 10mA | | | | | | | | - |
| Response time on / off | 1.5ms / 1.5ms | | | | | | | | - |
| Max. Switching frequency | 100Hz | | | | | | | | 15Hz |
| Hysteresis | < 15% | | | | | | | | - |
| Repeat accuracy | < 5% | | | | | | | | - |
| Temperature drift | < 10% | | | | | | | | - |
| Degree of protection | IP 67 | | | | | | | | IP 66 |
| Housing material | Stainless steel or nickel plated brass | | | | | | | | Cu plated Ni |
| Ambient temperature | -20 ~ +60 | | | | | | | | |
| Weight | approx.115g | | approx.110g | | approx.231g | | approx.219g | | approx.160g |

Dimensions (Unit:mm)

