

XP Series

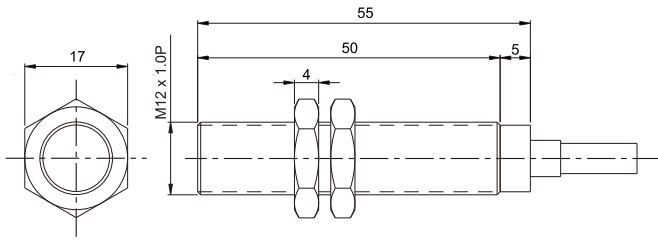
- Response frequency up to 25kHz high speed.
- Sensing distance 0.4~1.5mm, including digital output signal.
- With NPN NO and open collector switching output.
- Good environmental resistance up to IP67.



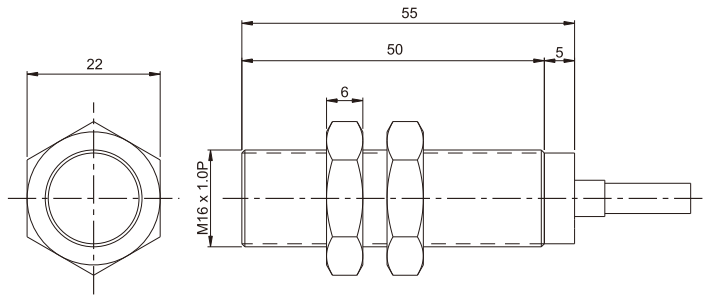
| Item | Specifications | | | |
|--------------------------------------|---|--------------------------|--------------------|--------------------------|
| Model number | XP-12N01SPE1 | XP-12N01SPE1-T | XP-16N01SPE1-U | XP-16N01SPE1-TU |
| Sensing distance | 0.4 ~ 1.5mm | | | |
| Switching output | NPN NO | NPN NO Open Collector | NPN NO | NPN NO Open Collector |
| Standard sensing object | Tooth Space 4(Thickness) x 2(Depth) x 1(Width)mm Angular pitch $\geq 14.4^\circ$ | | | |
| Operating voltage | 5~24VDC \pm 10% | | | |
| Response frequency | < 25kHz | | | |
| Load current | < 25mA | | | |
| Operation indicator | Red LED | | | |
| Enclosure protection | IEC IP67 | | | |
| Ambient temperature & humidity range | Operating : -10 ~ 70°C / RH 35 ~85% (with no icing or condensation) | | | |
| Housing material | Nickel-Plated Brass | | | |
| Connecting method | Pre-Wired 2M Cable | | M12 Plug connector | |
| Accessories | Nuts | | | |

Dimension

XP-12N Type

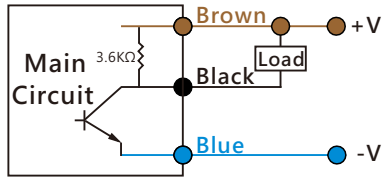


XP-16N Type



Wiring Diagram

NPN NO Type



NPN NO (Open Collector) Type

