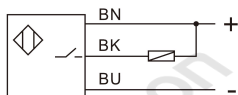
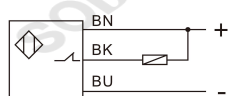
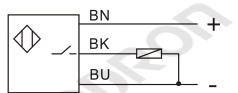
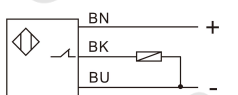
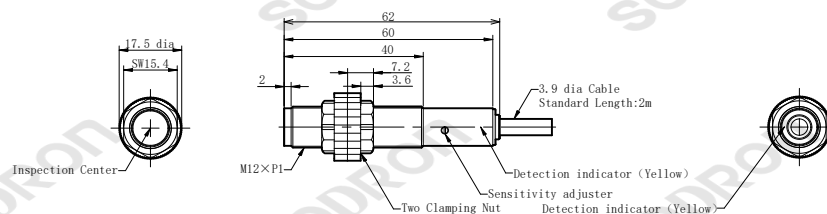


**Model**

CN12P-□B□□

**Product Features**

- Programmable, stable anti-interference performance
- Detects metal and non-metal
- Visual adjustment indicator
- IEC IP67
- Plastic housing

**Connection****NPN-NO****NPN-NC****PNP-NO****PNP-NC****Dimension****Technical parameters**

| Type                  | Flushed   |             |             |             |
|-----------------------|---|-------------|-------------|-------------|
| Model                 | CN12P-04BNA   | CN12P-04BPA | CN12P-04BNB | CN12P-04BPB |
| Sensing distance      | 4mm±10%   |             |             |             |
| Set distance          | 0~2.88mm  |             |             |             |
| Standard target       | 12X12X1mm (Iron sheet)  |             |             |             |
| Response frequency    | 100Hz   |             |             |             |
| Repeat accuracy       | < 5% (Sensing distance)   |             |             |             |
| Output mode           | NPN   | PNP         | NPN         | PNP         |
| Output state          | NO  | NO          | NC          | NC          |
| Hysteresis error      | 3%~20% (Sensing distance)   |             |             |             |
| Current consumption   | <15mA   |             |             |             |
| Power supply          | 10~30V DC   |             |             |             |
| Load Current          | <200mA  |             |             |             |
| Residual Voltage      | ≤2V (Load current:200mA , 2m wire)  |             |             |             |
| Indicator light       | Yellow LED (Output ON)  |             |             |             |
| Circuit protection    | Reverse polarity connection protection, short-circuit protection,surge absorption |             |             |             |
| Temperature effect    | -10~55°C, within ±20% of sensing distance at 23°C                                 |             |             |             |
| Ambient temperature   | Work&Storage : -25°C~ +70°C   |             |             |             |
| Ambient humidity      | Work&Storage: 35~95%  |             |             |             |
| Withstand voltage     | 500 VAC, 50/60 Hz, 1 min  |             |             |             |
| Insulation resistance | > 20MΩ (DC500V megger) between current-carrying parts and case                    |             |             |             |
| Anti-vibration        | 10~55Hz, double amplitude 1.5mm, X, Y, Z axes, 2h                                 |             |             |             |
| Anti-impact           | 3 shocks of 500 m/s <sup>2</sup> (approx. 50 G) in X, Y and Z axes                |             |             |             |
| Protection degree     | IEC IP67  |             |             |             |
| Connection            | Cable 2m ,Φ3.9 (3-core), Black, 0.2mm <sup>2</sup> , Oil-resistant PVC            |             |             |             |
| Material              | Housing   | PA66        |             |             |
|                       | Cable gland   | PC          |             |             |