# M12 Connector Industrial Ultrasonic Sensors NPN PNP 60-1000mm Detection Range

## **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 10 pieces
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability:



### **Product Specification**

- Product Name:
- Connection Type:
- Material:
- Supply Voltage:
- Input Type:
- Blind Zone:
- Ambient Temperature:
- Storage Temperature:
- Highlight:

Ultrasonic Distance Sensors

100000 pieces per month

5pin, M12 Connector

Guangdong, China

U18-D1000N(P)2T-R00A

KRONZ

Negotiable

Polybag packing

5-8 working days

CE

Copper Nikel-plated,plastic Fittings,glass Epoxy Resin.

10-30V DC

Teach-in And Synchronization

0-60mm

- -25 ~+70 248~343K
- -40 ~+85 233~358K

M12 Industrial Ultrasonic Sensors NPN, 60mm Detection Industrial Ultrasonic Sensors, M12 Connector Ultrasonic Sensors PNP



### Ultrasonic Sensor NPN PNP Switch Output 60-1000mm Detection Range M12 Connector

#### **Product Description**

Main Feature:

- M18 installation threaded sleeve
- Easy to instal

Basic Feature:

- ▶ 1 pc npn or pnp switching output
- ► Support digital RS485, modbus-rut standard protocol communication
- ► Analog voltage output 0-10V or analog current output 4-20 mA
- Implementing detection distance learning function through gray lines
- ► Temperature compensation
- ► Standard operating voltage DC 10-30V

| Dection range   60-1000mm     Blind zone   0-60mm     Resolution   0.17mm     Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   1P67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   57 <t< th=""><th>Dection range   60-1000mm     Blind zone   0-60mm     Resolution   0.17mm     Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Indad impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated.plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC</th><th>Model</th><th>U18-D1000N(P)2T-R00A</th></t<> | Dection range   60-1000mm     Blind zone   0-60mm     Resolution   0.17mm     Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Indad impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated.plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC  | Model                    | U18-D1000N(P)2T-R00A  |
|--|--|--------------------------|---|
| Blind zone   0-60mm     Resolution   0.17mm     Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching requency   19Hz     Initialization time   500ms     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   // 300 Ohm,U/   1k Ohm     No-load current   <30mA  | Blind zone   0-60mm     Resolution   0.17mm     Repeatability   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time protection     Load impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient temperature   -25 ~+70 (248-343K)     Storage temperature   -40 ~+85 (233-358K)     Weight   38g     Output type   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   97.5     P2: 1 pnp switching output NO/NC   46     70.5   57   | Dection range            |   |
| Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when no boject detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     No-load current   <30mA   | Repeatability   ±0.15%F.S.     Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashe     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time protection     Load impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   \$30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   46     70.5   57  |                          |   |
| Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Protection   200mA,Red LED and Green LED flashing at the same time     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2:1 pnp switching output NO/NC     P2:1 pnp switching output NO/NC   46     70.5   57  | Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   \$30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 pnp switching output NO/NC     P2: 2 pnp switching output NO/NC   P2: 2 pnp switching output NO/NC     Dimensional drawing   57   | Resolution               | 0.17mm  |
| Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Protection   200mA,Red LED and Green LED flashing at the same time     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2:1 pnp switching output NO/NC     P2:1 pnp switching output NO/NC   46     70.5   57  | Accuracy   ±1%(built-in temperature drift compensation)     Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   Spin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2:1 pnp switching output NO/NC     P2:1 pnp switching output NO/NC   M12     Output type   57   | Repeatability            | ±0.15%F.S.  |
| Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient temperature   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   57     M18   57   | Response time   52ms     Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   Spin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   92: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   46     70.5   57   |                          |   |
| Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected: Lights up, teaching-in when no object detected: Flashes     Green LED   object detected: Lights up, teaching-in when object detected: Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Input type   Teach-in and synchronization     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     Dimensional drawing   57  | Switching hysteresis   2mm     Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashe     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Protection   1/ 300 Ohm,U/ 1k Ohm     No-load current   S30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     Dimensional drawing   57   |                          |   |
| Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   57     M12   46     70.5   57  | Switching frequency   19Hz     Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   1/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   1P67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   92: 1 np switching output NO/NC     Dimensional drawing   57   |                          | 2mm   |
| Initialization time   500ms     Supply voltage   10-30V DC,reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC   57     M12   46   | Initialization time   500ms     Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time     No-load current   S30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   Spin, M12 connector     Ambient temperature   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     M12   M18     M18   57   |                          |   |
| Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   // 300 Ohm,U/ 1k Ohm     No-load current   <30mA  | Supply voltage   10-30V DC, reverse-polarity protection     Red LED   no object detected: Lights up, teaching-in when no object detected: Flashes     Green LED   object detected: Lights up, teaching-in when no object detected: Flashes     Overcurrent   200mA, Red LED and Green LED flashing at the same time     Protection   200mA, Red LED and Green LED flashing at the same time     Load impedance   1/ 300 Ohm, U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated, plastic fittings, glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   M12     M12   M18     Joinensional drawing   57   |                          | -   |
| Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   \$30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   Spin, M12 connector     Ambient temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   M18     Joint type   57     Dimensional drawing   57   | Red LED   no object detected:Lights up, teaching-in when no object detected:Flashes     Green LED   object detected:Lights up, teaching-in when object detected:Flashes     Overcurrent   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   \$30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   46  |                          |   |
| Overcurrent<br>protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     Dimensional drawing   46  | Overcurrent<br>protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   <30mA  |                          | no object detected:Lights up, teaching-in when no object            |
| Overcurrent<br>protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     Dimensional drawing   46  | Overcurrent<br>protection   200mA,Red LED and Green LED flashing at the same time     Load impedance   I/ 300 Ohm,U/ 1k Ohm     No-load current   <30mA  | Green LED                | object detected:Lights up, teaching-in when object detected:Flashes |
| No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated, plastic fittings, glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 pnp switching output NO/NC     Dimensional drawing   M12   | No-load current   ≤30mA     Input type   Teach-in and synchronization     Material   Copper nikel-plated,plastic fittings,glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   P2: 1 npn switching output NO/NC     Dimensional drawing   M12   |                          |   |
| Input type Teach-in and synchronization<br>Material Copper nikel-plated, plastic fittings, glass epoxy resin.<br>Enclosure rating IP67<br>Connection type 5pin, M12 connector<br>Ambient<br>temperature -40 ~+85 (233~358K)<br>Weight 38g<br>Output type P2: 1 pp switching output NO/NC<br>P2: 1 pp switching output NO/NC<br>Dimensional drawing 57<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5  | Input type Teach-in and synchronization<br>Material Copper nikel-plated, plastic fittings, glass epoxy resin.<br>Enclosure rating IP67<br>Connection type 5pin, M12 connector<br>Ambient temperature -25 ~+70 (248~343K)<br>Storage temperature -40 ~+85 (233~358K)<br>Weight 38g<br>Output type P2: 1 pnp switching output NO/NC<br>P2: 1 pnp switching output NO/NC<br>Dimensional drawing 57<br>-57<br>-57<br>-57<br>-57<br>-57<br>-57<br>-57<br>-  | Load impedance           | I/ 300 Ohm,U/ 1k Ohm  |
| Material   Copper nikel-plated, plastic fittings, glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC     Dimensional drawing   M12     0   46   | Material   Copper nikel-plated, plastic fittings, glass epoxy resin.     Enclosure rating   IP67     Connection type   5pin, M12 connector     Ambient   -25 ~+70 (248~343K)     temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC     P2: 1 pnp switching output NO/NC     M12   M18     Joint type   57     Material   57   | No-load current          | ≤30mA   |
| Enclosure rating<br>Connection type<br>Ambient<br>temperature<br>Storage temperature<br>Output type<br>Dimensional drawing<br>Dimensional drawing<br>Connection type<br>Ambient<br>-25 ~+70 (248~343K)<br>-25 ~+70 (248~343K)<br>-26 ~+85 (233~358K)<br>-27 ~-70 /-5 ~-70 /-5 ~-70 /-5 ~-70 /-5 ~-70 /-5 /-5 /-5 /-5 /-5 /-5 /-5 /-5 /-5 /-5   | Enclosure rating<br>Connection type<br>Ambient<br>temperature<br>Storage temperature<br>Output type<br>Dimensional drawing<br>Dimensional drawing<br>Connection type<br>Spin, M12 connector<br>-25 ~+70 (248~343K)<br>-25 ~+70 (248~343K)<br>-26 ~+70 (248~343K)<br>-27 ~+70 (248~345K)<br>-27 ~+ | Input type               |   |
| Connection type   5pin, M12 connector     Ambient<br>temperature   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 ppp switching output NO/NC     Dimensional drawing     0     70.5   | Connection type   5pin, M12 connector     Ambient<br>temperature   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC     Dimensional drawing   M12     Joint State   46   | Material                 | Copper nikel-plated,plastic fittings,glass epoxy resin.             |
| Ambient<br>temperature   -25 ~+70 (248~343K)     Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   M12     M12   M18     Joint constraints   Joint constraints     Dimensional drawing   57   | Ambient<br>temperature<br>Storage temperature<br>-40 ~+85 (233~358K)<br>Weight<br>Output type<br>P2: 1 pnp switching output NO/NC<br>P2: 1 pnp switching output NO/NC<br>M12<br>M12<br>M18<br>Jimensional drawing<br>Dimensional drawing   | Enclosure rating         | IP67  |
| temperature -25 ~+/0 (248~343K)   Storage temperature -40 ~+85 (233~358K)   Weight 38g   Output type N2: 1 npn switching output NO/NC   P2: 1 pnp switching output NO/NC   Dimensional drawing   | temperature<br>Storage temperature<br>-25 ~+/0 (248~343K)<br>Storage temperature<br>-40 ~+85 (233~358K)<br>Output type<br>P2: 1 pnp switching output NO/NC<br>P2: 1 pnp switching output NO/NC<br>M12<br>M12<br>M18<br>Jimensional drawing<br>-57<br>-67<br>-67<br>-67<br>-70.5  | Connection type          | 5pin, M12 connector   |
| Storage temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   M12     M12   M18     Jointensional drawing   57  | temperature   -40 ~+85 (233~358K)     Weight   38g     Output type   P2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC   M18     Joint Strain   M12     Joint Strain   M18     Joint Strain   M18 <td>Ambient</td> <td>25 au 70 (249a 242K)</td>  | Ambient                  | 25 au 70 (249a 242K)  |
| Weight 38g   Output type N2: 1 npn switching output NO/NC   P2: 1 pnp switching output NO/NC   Dimensional drawing   | Weight 38g   Output type N2: 1 npn switching output NO/NC   P2: 1 pnp switching output NO/NC   Dimensional drawing   | temperature              |   |
| N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC     M12   M18     M12   M18     Jointensional drawing   57   | Output type   N2: 1 npn switching output NO/NC     P2: 1 pnp switching output NO/NC     Dimensional drawing  |                          | -40 ~+85 (233~358K)   |
| Dimensional drawing  | Dimensional drawing  | Weight                   | 38g   |
| Dimensional drawing  | Dimensional drawing  | Output type              |   |
| N42 P42 series coming soon   | *N42,P42 series coming soon.   | Dimensional drawing      | M12<br>M12<br>M18<br>46   |
|  |  | I<br>*N42,P42 series com | l<br>ing soon.  |

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