

# Analog Output

## Pre-wired

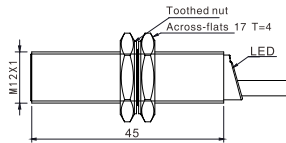


|                          |                         |              |              |               |              |              |            |
|--------------------------|-------------------------|--------------|--------------|---------------|--------------|--------------|------------|
| Appearance               |                         |              |              |               |              |              |            |
| Mounting                 | Shielded                |              |              | Unshielded    |              |              |            |
| Size                     | M12                     | M18          | M30          | M12           | M18          | M30          |            |
| Sensing distance         | 0.1~3mm ± 10%           | 1~4mm ± 10%  | 5~10mm ± 10% | 0.1~4mm ± 10% | 1~7mm ± 10%  | 7~14mm ± 10% |            |
| Housing material         | Nickel copper alloy     |              |              |               |              |              |            |
| Operating voltage        | 18~30V DC(Ripple < 10%) |              |              |               |              |              |            |
| Current consumption      | < 15mA                  |              |              |               |              |              |            |
| Linear                   | < 5%                    |              |              |               |              |              |            |
| Switch frequency         | 100Hz                   |              |              |               |              |              |            |
| Repeat accuracy          | 0.02mm                  |              |              |               |              |              |            |
| Current output           | 4~20mA/≤200Ω            | 0~20mA/≤200Ω |              | 4~20mA/≤400Ω  | 0~20mA/≤200Ω |              |            |
| Voltage output           | 0~10VDC/≥4.7KΩ          |              |              |               |              |              |            |
| Output type              | PNP-Analog              |              |              |               |              |              |            |
| Sensing surface material | PBT                     |              |              |               |              |              |            |
| Ambient temperature      | -25°C~+75°C             |              |              |               |              |              |            |
| Circuit protection       | Reverse polarity        |              |              |               |              |              |            |
| Degree of protection     | IP67                    |              |              |               |              |              |            |
| Model No.                | Current output          | TAF12-03PA   | TAF18-04PA   | TAF30-10PA    | TAN12-04PA   | TAN18-07PA   | TAN30-14PA |
|                          | Volage output           | TAF12-03PV   | TAF18-04PV   | TAF30-10PV    | TAN12-04PV   | TAN18-07PV   | TAN30-14PV |

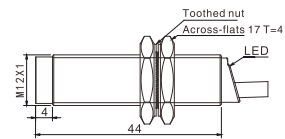
## Dimensions (Unit:mm)

### M12

TAF12-03 □□

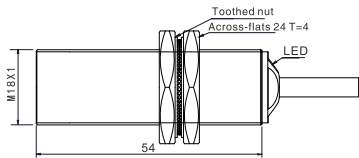


TAN12-04 □□

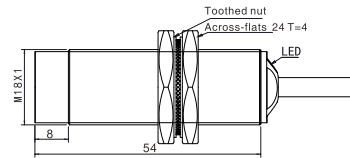


### M18

TAF18-04 □□

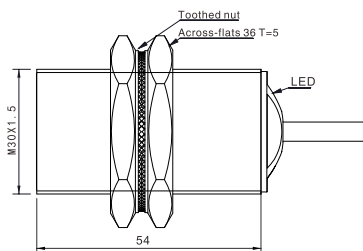


TAN18-07 □□



### M30

TAF30-10 □□



TAN30-14 □□

