

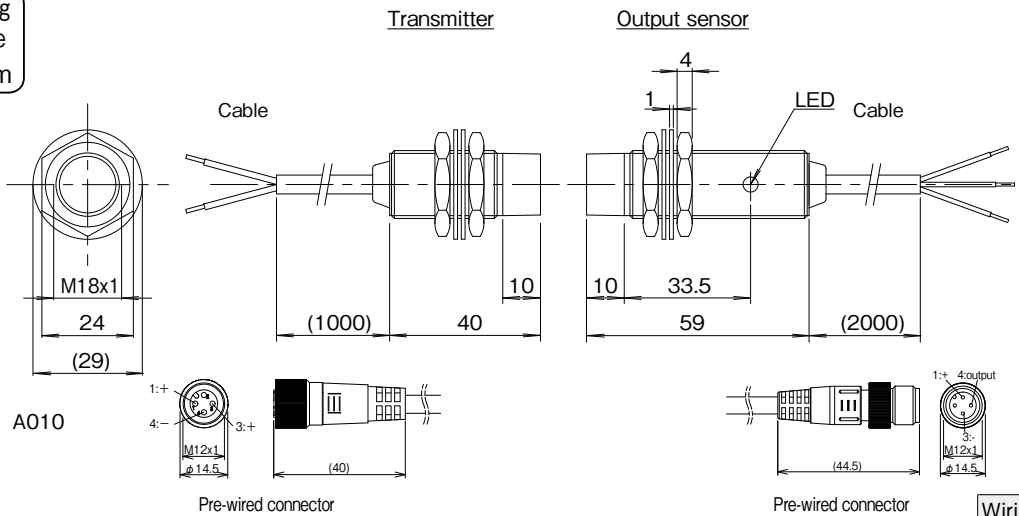
RPT-12
RPE-12

RPT-18
RPE-18

1
signal

for 1 sensor / Size : M18

Operating distance
0...4mm



Wiring C006/P.116

| | | Transmitter | |
|-----------------------|--|-------------------|----------------------|
| | | Cable | Pre-wired connector |
| Type Code | DC 2-wire | RPT-1804D-PU-01 | RPT-1804D-PU-CP0.3 |
| Drive voltage | 12V ± 1.5V DC | | |
| Drive current | 5mA | | |
| No. of input signal | 1 | | |
| Operating distance | 0...4mm | | |
| Center offset | ± 3mm | | |
| Drive current | 5mA | | |
| Operating temperature | 0...+50°C | | |
| Protection class | IP67 | | |
| Cable | PUR / Ø5 , 2x0.34mm ² | | |
| Material Housing | Nickel plated brass | | |
| Active face | Nylon 12 | | |
| Weight | Body 45g + Cable 35g x 1m /+Connector cable 30cm 30g | | |
| | | Cable | Pre-wired connector |
| Type Code | DC 2-wire | RPT-TF1804D-PU-01 | RPT-TF1804D-PU-CP0.3 |
| Material | Housing:Fluorinated resin coated/Active face:Fluorinated resin | | |

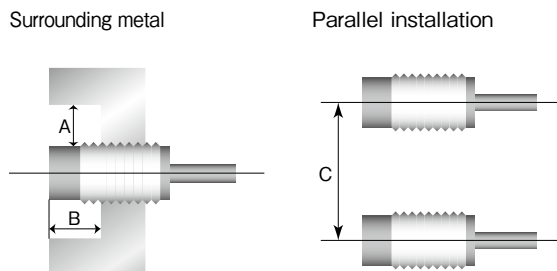
| | | Output sensor | |
|------------------------|--|--|--|
| | | Cable | Pre-wired connector |
| Type Code | NPN PNP | RPE-1804N-PU-02 RPE-1804P-PU-02 | RPE-1804N-PU-CP0.3 RPE-1804P-PU-CP0.3 |
| Operational voltage | 24V DC ± 5% (incl. ripple) | | |
| Current consumption | ≤ 150mA | | |
| No. of output signal | 1 | | |
| Load current | max.50mA | | |
| Frequency of operation | 25Hz | | |
| LED | Signal output indication | | |
| Operating temperature | 0...+50°C | | |
| Protection class | IP67 | | |
| Cable | PUR / Ø5 , 3x0.34mm ² | | |
| Material Housing | Nickel plated brass | | |
| Active face | Nylon 12 | | |
| Weight | Body 60g + Cable 35g x 2m /+Connector cable 30cm 30g | | |
| | | Cable | Pre-wired connector |
| Type Code | NPN PNP | RPE-TF1804N-PU-02 RPE-TF1804P-PU-02 | RPE-TF1804N-PU-CP0.3 RPE-TF1804P-PU-CP0.3 |
| Material | Housing:Fluorinated resin coated/Active face:Fluorinated resin | | |

Applicable sensor

| | | |
|---------------------|--------|--|
| Supply voltage | 12V DC | Please use a sensor which works definitely in the condition described on left. |
| Current consumption | --- | |
| Residual voltage | ≤ 3.5V | |
| Load current | ≤ 5mA | |

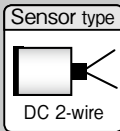
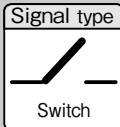
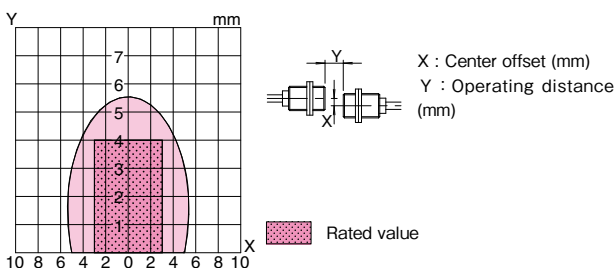
Installation notes

In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted Transmitters or Output sensors, keep the minimum distances as described below.



Typical Transmitting Diagram (Supply voltage at 24V/non-flush mount)

RPT-1804D-PU-__ / RPE-1804 □ -PU-__



Remote
Sensor

DC 3-wire
detector type

DC 3-wire type
Terminal unit

DC 2-wire
detector type

DC 2-wire type
Terminal unit

Exclusive
detector type

Thermocouple
type

Resistance
thermometer type

Load cell type

Analog sensor
type

Exclusive
sensor

Terminal box
Other unit

Wiring

Products for
maintenance

Special spec.

Alphanumeric
product list

| Type Code | A(mm) | B(mm) | C(mm) |
|-------------------|-------|-------|-------|
| RPT-1804D-PU-__ | 20 | 15 | 110 |
| RPE-1804 □ -PU-__ | | | |