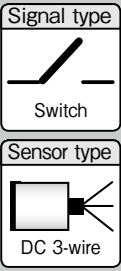
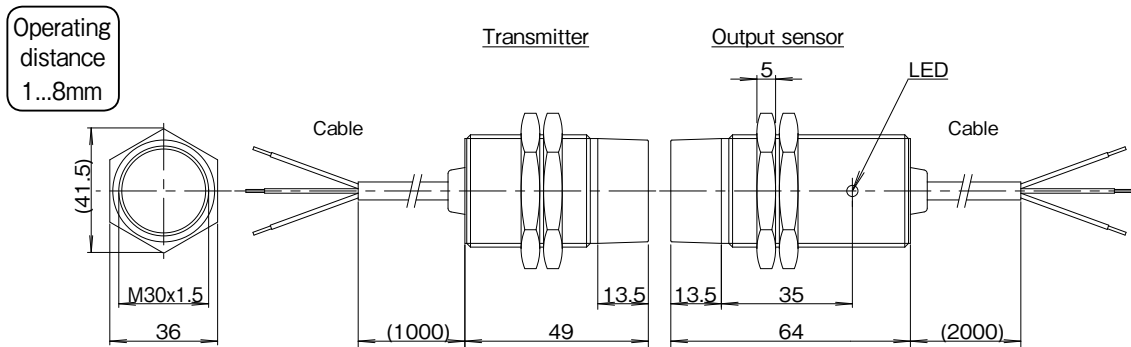


RPT-18
RPE-18

RPT-30
RPE-30

1
signal

for 1 sensor / Size : M30



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

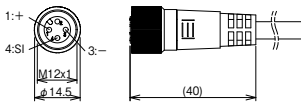
Wiring

Products for maintenance

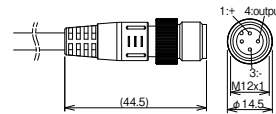
Special spec.

Alphanumeric product list

A002



Pre-wired connector



Pre-wired connector

Wiring C001/P.114

Transmitter			
		Cable	Pre-wired connector
Type	NPN	RPT-3008N-PU-01	RPT-3008N-PU-CP0.3
Code	PNP	RPT-3008P-PU-01	RPT-3008P-PU-CP0.3
Drive voltage	12V ± 1.5V DC		
Drive current	max.30mA		
No. of input signal	1		
Operating distance	1...8mm	1...6mm	1...4.5mm
Center offset	± 5mm	± 4mm	± 3mm
Drive current	≤ 5mA	≤ 20mA	≤ 30mA
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 110g + Cable35g × 1m/+Connector cable 30cm 40g		
		Cable	Pre-wired connector
Type	NPN	RPT-TF3008N-PU-01	RPT-TF3008N-PU-CP0.3
Code	PNP	RPT-TF3008P-PU-01	RPT-TF3008P-PU-CP0.3
Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin		

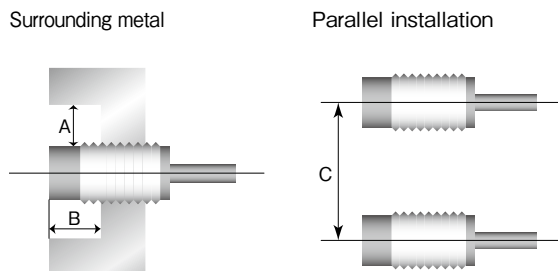
Output sensor			
		Cable	Pre-wired connector
Type	NPN	RPE-3008N-PU-02	RPE-3008N-PU-CP0.3
Code	PNP	RPE-3008P-PU-02	RPE-3008P-PU-CP0.3
Operational voltage	24V DC ± 5% (incl. ripple)		
Current consumption	≤ 150mA		
No. of output signal	1		
Load current	max.50mA		
Frequency of operation	25Hz		
LED	Signal 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 130g + Cable35g × 2m/+Connector cable 30cm 30g		
		Cable	Pre-wired connector
Type	NPN	RPE-TF3008N-PU-02	RPE-TF3008N-PU-CP0.3
Code	PNP	RPE-TF3008P-PU-02	RPE-TF3008P-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	≤ 30mA	
Residual voltage	≤ 3.5V	
Load current	---	

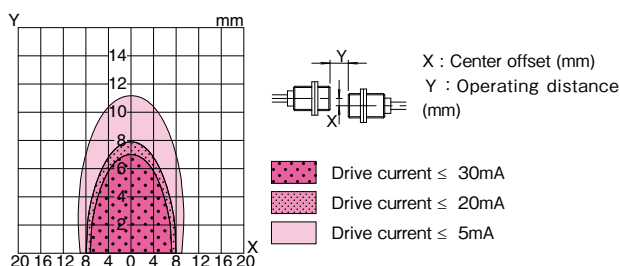
Installation notes

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-3008 □ -PU-__ / RPE-3008 □ -PU-__



Type Code	A(mm)	B(mm)	C(mm)
RPT-3008 □ -PU-__	30	20	300
RPE-3008 □ -PU-__			