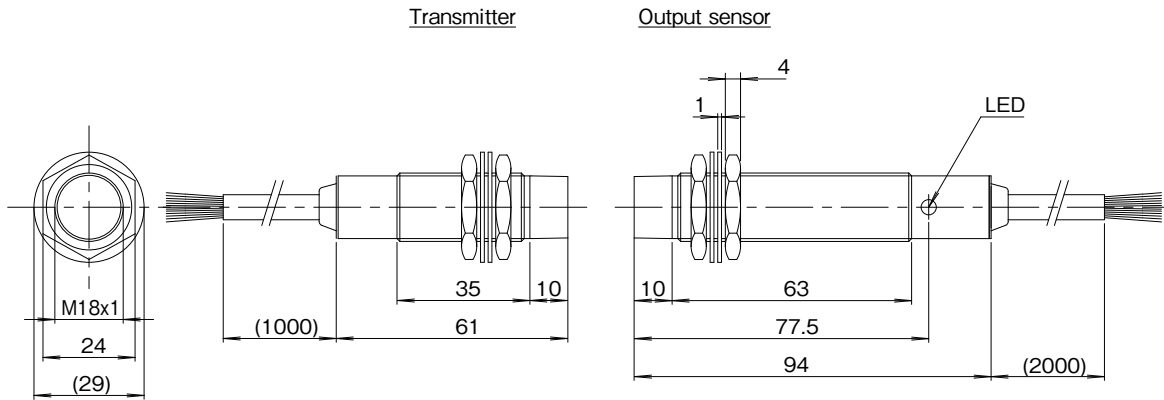


for max. 8 sensors / Size : M18

Operating distance
0.5...3mm



A014

Wiring C009/P.117

Transmitter	
Type Code	DC 2-wire RPT8-1803D-PU-01
Drive voltage	12V ± 1.5V DC
Drive current	5mA per sensor
No. of input signal	8
Operating distance	0.5...3mm
Center offset	± 2.5mm
Drive current	5mA
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / Ø7.9, 9x0.18mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 60 g + Cable 75 g x 1 m
Anti-weld slag Type Code	DC 2-wire RPT8-TF1803D-PU-01
Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin

Output sensor	
Type Code	NPN RPE8-1800N-PU-02 PNP RPE8-1800P-PU-02
Operational voltage	24V DC ± 10% (incl. ripple)
Current consumption	≤ 400mA
No. of output signal	8 + 1 (InZone)
Load current	max.50mA per output
Frequency of operation	60Hz
LED	InZone
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / Ø7.7, 2x0.5mm ² +9x0.18mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 90 g + Cable 75 g x 2 m
Anti-weld slag Type Code	NPN RPE8-TF1800N-PU-02 PNP RPE8-TF1800P-PU-02
Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin

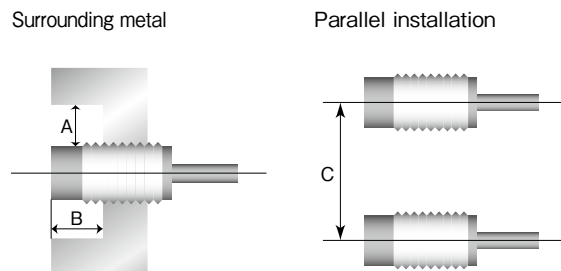
Applicable sensor

Supply voltage	12V DC
Current consumption	---
Residual voltage	≤ 3.5V
Load current	≤ 5mA

Please use a sensor which works definitely in the condition described on left.

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.



Type Code	A(mm)	B(mm)	C(mm)
RPT8-1803D-PU-__	18	18	110
RPE8-1800 □ -PU-__			

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

RPT8-1803D-PU-__ / RPE8-1800 □ -PU-__

