



Teflon cap  
Glass tube



Teflon coating



Wireless Power Supply      Signal Transmission

**Anti-weld slag type!**

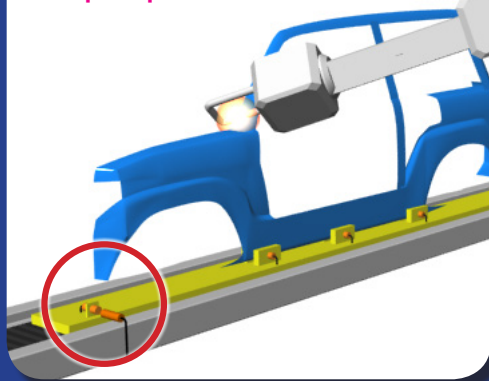
With fluororesin coated housing and fluorine resin cap, weld spattering or sticking of chips are hard to stick!

- No sputtering measures required !
- You can use it directly at the factory.  
It is an excellent item that can not be found anywhere !
- Lower the cost and can be reduce the time spend on maintenance!
- Cable protection types can also be prepared!

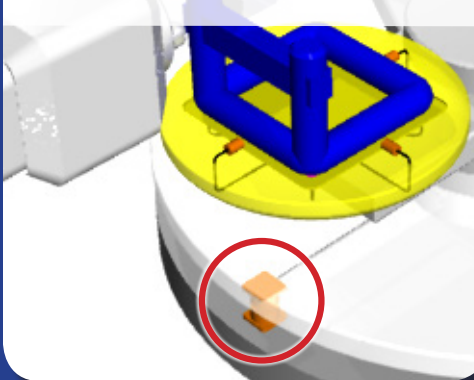



The remote sensor system **anti-weld types** are active in such places!

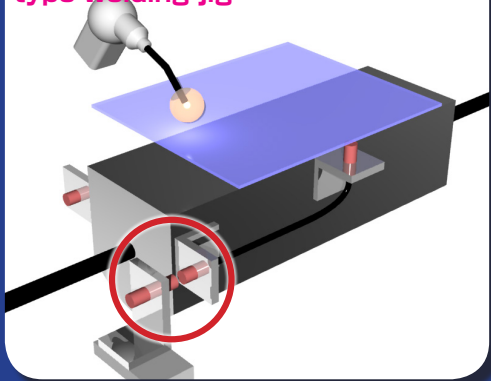
■ Work confirmation at welding transport pallet



■ Work confirmation with weld index table







■ Work confirmation with rotary type welding jig

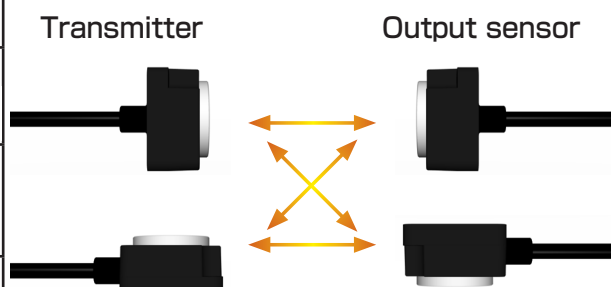


Besides these, Remote sensor system can be active at various application! Please feel free to contact us for details!

■ Anti-weld slag type    Compact shape

■ It can be combined according to installation location!

Type name (Transmitter)	Type name (Output sensor)	Remark
RS12T-TF423A-PU (Standard type)	RS12E-TF423A □ -PU (Standard type)	Side cable type 
RS12T-TF423B-PU (Standard type)	RS12E-TF423B □ -PU (Standard type)	Back cable type 
RS12T-TF423A-TP (Cable protection type)	RS12E-TF423A □ -TP (Cable protection type)	Side cable type 
RS12T-TF423B-TP (Cable protection type)	RS12E-TF423B □ -TP (Cable protection type)	Back cable type 



\* Standard type can be used with cable-protection type.

## Anti-weld slag type for DC 3-wire sensor/ Cylinder shape

### ● General type

\* Please choose N for NPN or P for PNP. The followings are the same.

Number of Signal	Size of Transmitter	Max. Rating transmission distance	Type name (Transmitter)	Type name (Output sensor)	The drive voltage	Drive current
1	M18	4mm	RPT-TF1804 □ -PU	RPE-TF1804 □ -PU	12V DC	30mA
1	M30	8mm	RPT-TF3008 □ -PU	RPE-TF3008 □ -PU	12V DC	30mA
4	M18	3mm	RPTA-TF1803-PU	RPEA-TF1803 □ -PU	12V DC	30mA
4	M30	5mm	RPTA-TF3005-PU	RPEA-TF3005 □ -PU	12V DC	40mA

### ● Terminal unit type

Number of Signal Transmission	Active face Size	Max. Transmission distance	Type code Transmitter / Remote terminal	Type code Transmitter / Transmitting head	Type code Output sensor	The drive voltage	Drive current
8	M30	8mm	RS8TA-222P-S04 RS8T-222P-S04	RSH8T-TF030-PU-CP1.0	RSH8E-TF030 □ -PU	12V DC	150mA
16	M30	8mm	RS16TA-211P-S04 RS16T-211P-S04	RSH16T-TF030-PU-CP1.0	RSH16E-TF030- □ -PU	12V DC	150mA
16	M30	5mm	RS16TB-211P-S04	RSH16TB-TF030-PU-CP1.0	RSH16EB-TF030P-PU	24V DC	550mA

## Anti-weld slag type for DC 2-wire sensor/ Cylinder shape

### ● General type

Number of Signal Transmission	Active face Size	Max. Transmission distance	Type name (Transmitter)	Type name (Output sensor)	The drive voltage	Drive current	Remark
1	M18	4mm	RPT-TF1804D-PU	RPE-TF1804 □ -PU	12V DC	5mA <sub>x1</sub>	
1	M18	4mm	RPT-TF1804D-PU-CP	RPE-TF1804 □ -PU-CP	12V DC	5mA <sub>x1</sub>	Pre-wired connector
1	M30	8mm	RPT-TF3008D-PU	RPE-TF3008 □ -PU	12V DC	5mA <sub>x1</sub>	
1	M30	8mm	RPT-TF3008D-PU-CP	RPE-TF3008 □ -PU-CP	12V DC	5mA <sub>x1</sub>	Pre-wired connector
2	M18	4mm	RPT2-TF1804D-PU	RPE2-TF1804 □ -PU	12V DC	5mA <sub>x2</sub>	
2	M18	4mm	RPT2-TF1804D-PU-CP	RPE2-TF1804 □ -PU	12V DC	5mA <sub>x2</sub>	Transmitter:Pre-wired connector
2	M30	5mm	RPT2-TF3005D-PU	RPE2-TF3005 □ -PU	12V DC	5mA <sub>x2</sub>	
2	M30	5mm	RPT2-TF3005D-PU-CP	RPE2-TF3005 □ -PU	12V DC	5mA <sub>x2</sub>	Transmitter:Pre-wired connector
4	M18	3mm	RPT4-TF1803D-PU	RPE4-TF1803 □ -PU	12V DC	5mA <sub>x4</sub>	
4	M30	5mm	RPT4-TF3005D-PU	RPE4-TF3005 □ -PU	12V DC	5mA <sub>x4</sub>	
8	M18	3mm	RPT8-TF1803D-PU	RPE8-TF1800 □ -PU	12V DC	5mA <sub>x8</sub>	
8	M30	7mm	RPT8-TF3007D-PU	RPE8-TF3000 □ -PU	22V DC	5mA <sub>x8</sub>	
8	M30	7mm	RPTB-3007D-NAG2	RPEB-3000 □ -NAG2	20. 26V DC	5mA <sub>x8</sub>	Pre-wired connector
15	M30	5mm	RPT15-TF3005D-PU	RPE15-TF3000 □ -PU	12V DC	5mA <sub>x15</sub>	
15	M30	4mm	RPT15-TF3004D-TYT	RPE15-TF3000 □ -TYT	15V DC	5mA <sub>x15</sub>	Pre-wired connector

### ● Terminal unit type

Number of Signal Transmission	Active face Size	Max. Transmission distance	Type code (Transmitter / Remote terminal)	Type code Transmitter / Transmitting head	Type code (Output sensor)	The drive voltage	Drive current
8	M30	8mm	RS8TA-222D-S04 RS8T-222D-S04	RSH8T-TF030-PU-CP1.0	RS8E-TF030 □ -PU	22V DC	5mA <sub>x8</sub>
16	M30	8mm	RS16TA-211D-S04 RS16T-211D-S04	RSH16T-TF030-PU-CP1.0	RSH16E-TF030 □ -PU	22V DC	5mA <sub>x16</sub>

## Anti-weld slag type for DC 3-wire sensor/ Compact shape

### ● Standard type

\* Side cable type can be used with back cable type.

Number of Signal	Size of Transmitter	Max. Rating transmission distance	Type name (Transmitter)	Type name (Output sensor)	The drive voltage	Drive current	Remark
12	50x50	4mm	RS12T-TF423A-PU	RS12E-TF423A □ -PU	12V DC	230mA	Side cable type
12	50x50	4mm	RS12T-TF423B-PU	RS12E-TF423B □ -PU	12V DC	230mA	Back cable type

### ● Cable protection type : The cable is covered with a glass tube

Number of Signal	Size of Transmitter	Max. Rating transmission distance	Type name (Transmitter)	Type name (Output sensor)	The drive voltage	Drive current	Remark
12	50x50	4mm	RS12T-TF423A-TP	RS12E-TF423A □ -TP	12V DC	230mA	Side cable type
12	50x50	4mm	RS12T-TF423B-TP	RS12E-TF423B □ -TP	12V DC	230mA	Back cable type

1) DC 3-wire type can be used with DC-2wire sensors. For more information, please refer to the website.

2) Commercially available sensors can be used as detection sensors.

3) The end PU or TP of type name is followed by a number representing the cable length. Transmitter: standard cable length is 1m  
Output sensors: standard cable length is 1m. Example:PUO1=1m

Wireless Power Supply by  
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Web : <https://www.b-plus-kk.com>

\* Info may change the mention contents such as specifications without a notice.

Thank you for understanding

\* Please refer to instruction manual or the user's guide. It can be download by HP.

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