

This dimensional drawing shows connector type 1.

VVIIII CO25 / 1 . 124	Wiring	C025 / P.124
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	Transmitter / Remote terminal
Type Connector type 1	RS8TA-222D-S04
Code Connector type 2	RS8T-222D-S04
Sensor type	DC 2-wire type (M12 connecter 4-pin : polarized / 1:+,4:-, non-polarized / 3:+,4:-)
Drive voltage	22V DC ± 10%
Drive current	5 mA per sensor
Operating temperature	0+50°C
Protection class	IP67
Connection sensor	Connector M12 (Female) x 8
Transmitting head	Connector M12 (Male) x 1
Material Housing	PPS
Weight	600 g
Remark	The unused connectors should be protected by a protection cap. (option:Type Code XS2Z-12)

Applicable sensor

Supply voltage		22V DC
Residual voltage		≦ 6V
Minin	num load current	≦ 5mA
Leak	age current	≦ 1mA

Please sure to use applicable detector switch according to the specification on left.

Pin assigned of connector for 3:+ sensors

Applicable angle connector type (Detector's connector)

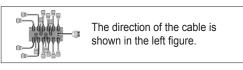
When using an angle connector, please use a connector of which key is positioned same as the following figure.

1:Applicable to RS8TA-222_

Cable







The straight connector can be used to both type of Remote Terminal.

Wiring C025 / P.124

for max. 8 sensors Terminal unit type / Size : M30

distance 2...8mm

INZONE LED <u> 13.5</u> 13.5 70 M30x1.5 36 (40)(1000)95 (2000)

Output sensor

Transmitting head

A057

Transmitter / Transmitting head				
Type connect to Code Remote Terminal	RSH8T-030-PU-CP1.0	Type Node P		
Drive voltage	22V ± 1.5V DC	Supply vo		
Drive current	120mA	Current co		
Remote terminal	RS8TA-222S04、RS8T-222S04	No. of Ou		
Operating distance	28mm	Load curr		
Center offset	±3mm	Frequency		
Operating temperature	0+50°C	LED		
Protection class	IP67	Operating		
Cable	M12 connector Cable (1m, 3m, 5m)	Protection		
Cable	connect to Remote Terminal	Cable		
Material Housing	Nickel plated brass	Material		
Active face	Nylon 12	A		
Weight	Body 120 g + Cable50 g × 1 m	Weight		
Anti-weld slag Type Code connect to Remote Terminal	RSH8T-TF030-PU-CP1.0	Anti-weld s		

						g	
Transmitter / Transmitting head			Output sensor				
onnect to DOLLOT 000 DIL OD4 0		Туре	NPN		RSH8E-030N-PU-02		
Te	erminal	RSH8T-030-PU-CP1.0	Code	PNP		RSH8E-030P-PU-02	
		22V ± 1.5V DC	Supply	voltage		24V DC ±10% (including ripple)	
_						24V DC ±10% (including ripple)	
		120mA	Current	consum	otion	≦ 500mA	
ıl		RS8TA-222S04\ RS8T-222S04	No. of (Output s	ignals	8 signals + 1 signal (Inzone)	
aı	nce	28mm	Load co	urrent		max.50mA per output	
		±3mm	Frequency of operation		eration	20Hz	
050°0		LED			Inzone		
er	erature 0+50°C						
SS	3	IP67	Operation		Operating temperature 0+50°C		
		M12 connector Cable (1m、3m、5m)	Protect	ion clas	S	IP67	
		connect to Remote Terminal C		Cable		PUR/ φ 7.7、2x0.5mm ² +9x0.18mm ²	
n	ng Nickel plated brass		Material Housing		g	Nickel plated brass	
f	face Nylon 12		Active face		face	Nylon 12	
Body 120 g + Cable50 g × 1 m		Weight			Body 160 g + Cable75 g × 2 m		
_		_	A (:				
	connect to Remote	RSH8T-TF030-PU-CP1.0	Anti-wel		NPN	RSH8E-TF030N-PU-02	
	Terminal	1.01101-11 000-1 0-01 1.0	Type Co	ode	PNP	RSH8E-TF030P-PU-02	
	Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin			Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin	

Installation notes

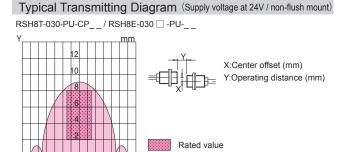
In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted sensors, keep the minimum free zone as described below.

■ Surrounding metal

В

■ Parallel installation



1210 8 6 4 2 0 2 4 6 8 1012

Type Code	A(mm)	B(mm)	C(mm)
RSH8T-030-PU-CP	20	20	160
RSH8E-030 □ -PU-	30	30	160

С

Signal type Switch signal Sensor type DC 2-wire

Remote Sensor

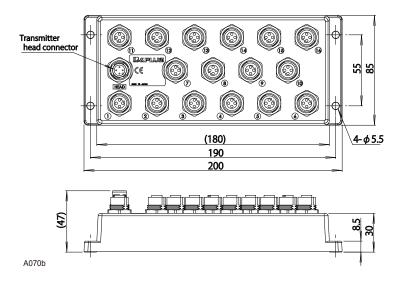
DC 2-wire Terminal unit

Terminal box Other unit

Wiring

Discontinued plans





This dimensional drawing shows connector type 1.

Wiring	C026 / P124
vviiiiu	UUZU / F. 124

	Transmitter / Remote terminal
Type Connector type 1	RS16TA-211D-S04
Code Connector type 2	RS16T-211D-S04
Sensor type	DC 2-wire type (M12 connecter 4-pin : polarized / 1:+,4:-, non-polarized / 3:+,4:-)
Drive voltage	22V DC ± 10%
Drive current	5 mA per sensor
Operating temperature	0+50°C
Protection class	IP67
Connection sensor	Connector M12 (Female) x 16
Transmitting head	Connector M12 (Male) x 1
Material Housing	PPS(GF40%)
Weight	1000 g
Remark	The unused connectors should be protected by a protection cap. (option:Type Code XS2Z-12)

Applicable sensor

Supply voltage	22V DC
Residual voltage	≦ 6V
Minimum load current	≦ 5mA
Leakage current	≦ 1mA

Please sure to use applicable detector switch according to the specification on left.

Pin assigned of connector for sensors

1:+
2:
3:+
4:-

Applicable angle connector type (Detector's connector)

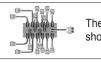
When using an angle connector, please use a connector of which key is positioned same as the following figure.

1 :Applicable to RS16TA-211_









The direction of the cable is shown in the left figure.

The straight connector can be used to both type of Remote Terminal.

for max. 16 sensors Terminal unit type / Size : M30



M30x1.5 36 (40) (1000) 44 95 (2000)

Output sensor

Transmitting head

A057

	Tra	ansmitter / Transmitting head		
Type co Code Remote	nnect to Terminal	RSH16T-030-PU-CP1.0		
Drive voltage		22V ± 1.5V DC	ĺ	
Drive current		120mA	ĺ	
Remote termina	ıl	RS16TA-211S04、RS16T-211S04	Ī	
Operating dist	ance	28mm		
Center offset		±3mm		
Operating temperature		0+50°C		
Protection class		IP67	Ī	
Cable		M12 connector Cable (1m、3m、5m)		
		connect to Remote Terminal type		
Material Housing		Nickel plated brass		
Active face		Nylon 12		
Weight		Body 120 g + Cable50 g × 1 m		
Anti-weld slag Type Code	connect to Remote Terminal	RSH16T-TF030-PU-CP1.0		
	Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin		

		Output sensor		
Type NPN		RSH16E-030N-PU-02		
Code PNP		RSH16E-030P-PU-02		
Supply voltage		24V DC ±10% (including ripple)		
Current consump	tion	≦ 500mA		
No. of Output sig	gnals	16 signals + 1 signal (Inzone)		
Load current		max.50mA per output		
Frequency of ope	ration	20Hz		
LED		Inzone		
Operating temperature		0+50°C		
Protection class		IP67		
Cable	,	PUR/ φ 8.5、2x0.5mm ² +17x0.18mm ²		
Material Housing		Nickel plated brass		
Active face		Nylon 12		
Weight		Body 160 g + Cable110 g × 2 m		
Anti-weld slag	NPN	RSH16E-TF030N-PU-02		
Type Code	PNP	RSH16E-TF030P-PU-02		

Wiring

C026 / P.124

Installation notes

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

Material Housing:Fluorinated resin coated/Active face:Fluorinated resin

Surrounding metal Parallel installation

Type Code	A(mm)	B(mm)	C(mm)
RSH16T-030-PU-CP	30	30	160
RSH16E-030 □ -PU			

Signal type
Switch signal
Sensor type
DC 2-wire

Remote Sensor

DC 3-wire Detector type

Terminal unit

DC 2-wire
Detector type

DC 2-wire Terminal unit

Exclusive detector type

Thermocouple type

Resistance hermometer type

_oad cell type

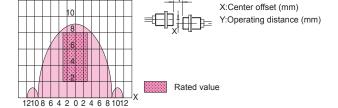
Analog sensor type

Terminal box Other unit

Wiring

Discontinued plans

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