

# Smart Communicator

## CommPad Model: CFN100

### Overview

Smart Communicator CommPad Model CFN100 is a communicator to set up and monitor smart field instruments.

With a friendly user interface, the CommPad enables you to set and check instrument parameters such as tag numbers and ranges, outputs, and view data.

A saved data can be managed with your PC through simple operations.

### Features

- Easy to handle  
The simple menus allow you to operate your CommPad without the user's manual.
- Data management  
Since the instrument data set or collected on site can be loaded into your PC without modification, you can easily manage and maintain the instrument database.
- Comparison table  
Using a list comparison function, you can see at a glance the differences in data between before and after parameter adjustments or settings. You can work steadily with your CommPad without making mistakes.
- Easy to carry  
The CommPad is small and light enough to fit in your pocket, you can bring your CommPad safely even in a narrow space or at a high place.

### Display Example

Summary		Guest	
ST3000 DP FIC-0001		Status	?
OUTPUT	0.00 %		
INPUT	0.0022	kPa	▼
LRV (0%)	0.0000	kPa	
URV (100%)	100.00	kPa	
Conformity	Linear		
Read OUTPUT and INPUT			
Home	Summary	Conf.	View
Exit Log Help Aux.			



### Supported Instruments

- AT9000 Advanced Transmitter
- ST3000 Series 900 Smart Transmitter
- ST3000 Smart Multivariable Flow Transmitter  
Model JTD720A
- ThermoPLUS Advanced Temperature Transmitter  
Model ATT
- SVP3000 Alphaplus Smart Valve Positioner  
Model AVP
- Smart Valve eXplorer Smart Valve Positioner for rotary Valve  
Model SVX
- PTG series Smart Pressure Transmitter  
Model PTG
- MagneW3000 PLUS<sup>+</sup> Smart Electromagnetic Flowmeter  
Model MGG  
(Not compatible with versions earlier than 6.0.)
- MagneW Two-wire PLUS<sup>+</sup> Smart Electromagnetic Flowmeter  
Model MTG  
(Not compatible with versions earlier than 5.0.)
- Steam Flowmeter STEAMcube  
Model MVC
- Smart Displacement type Level Transmitter  
Model SLX
- Smart ALTJ3000 Immersion Type Liquid Level Transmitter  
Model JTL

**Specifications**

**Ambient temperature:** 0 to 40°C  
**Ambient humidity:** 30 to 80% RH (provided there is no condensation)

**Power source:**

Operation - a lithium-ion rechargeable battery  
 Operation period - approx. 27 hours \*1  
 Memory backup - a nickel hydride battery (built-in)

**Environmental performances:**

Dust/Water-splash proof - JIS splash-proof model (IP54 equivalent) \*2  
 Drop durability: 1.0 m \*3

**Weight:**

Communication interface card - approx. 10 g  
 Communication cable - approx. 30 g  
 Pocket PC (CASIO DT-10) - approx. 290 g (including a rechargeable battery)

**Product configuration:**

Pocket PC (CASIO DT-10), communication interface card, communication cable, software (CD-R), and AC Adapter

- \*1 Battery life varies depending on the environment in which you use your CommPad.
- \*2 When all covers are closed.
- \*3 When the card is not installed.

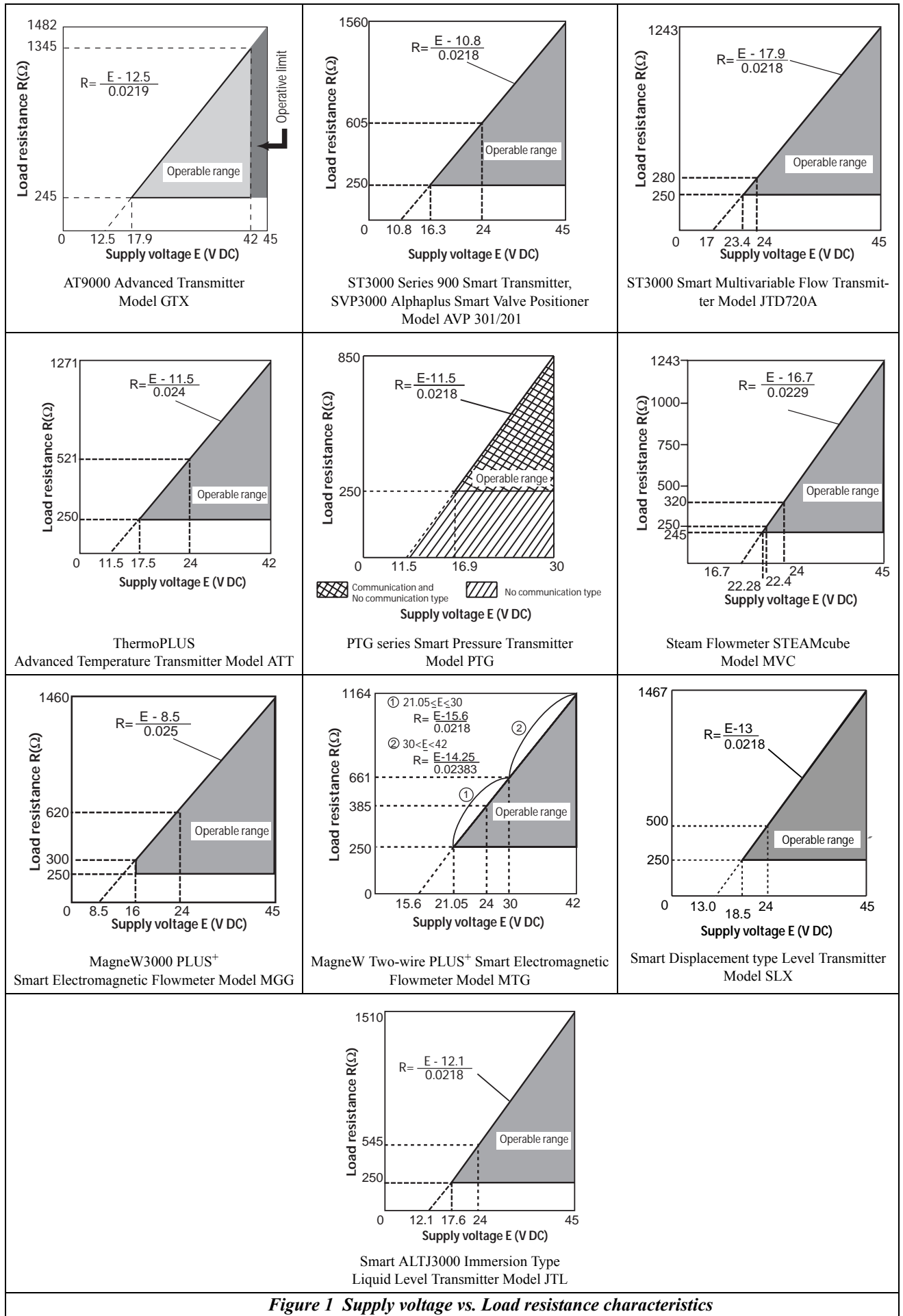
**Model number structure**

Smart Field Communicator CommPad Model CFN100

Basic model number

CFN100		-	1	S			-	X
Communication interface	Communication card	1						
Communication method	SFN analog		S					
Communication Cable	Alligator clips					1		
	Easy hooks					2		
	Alligator clips + Easy hooks					3		
PDA model/ Display language	DT-10 (Japanese version)						1	
	IT-10 (English version)						2	
Options	None							X
	Cradle							C
	Screen protection sheet (5 sheets)							S

**Supply voltage vs. Load resistance characteristics**



**Figure 1 Supply voltage vs. Load resistance characteristics**



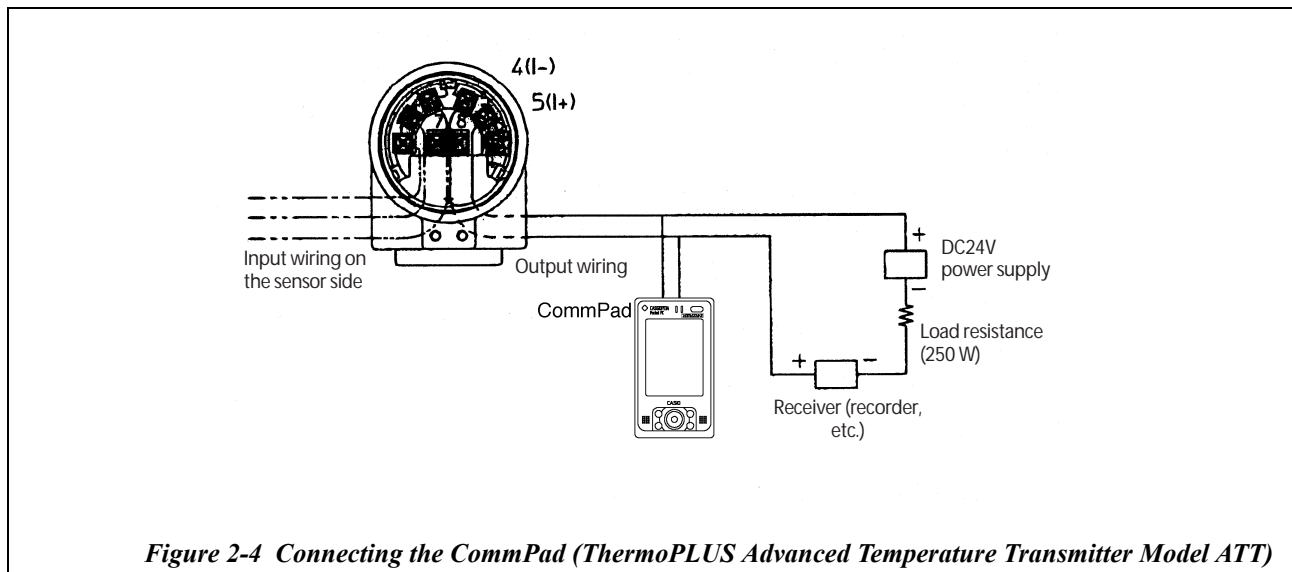


Figure 2-4 Connecting the CommPad (ThermoPLUS Advanced Temperature Transmitter Model ATT)

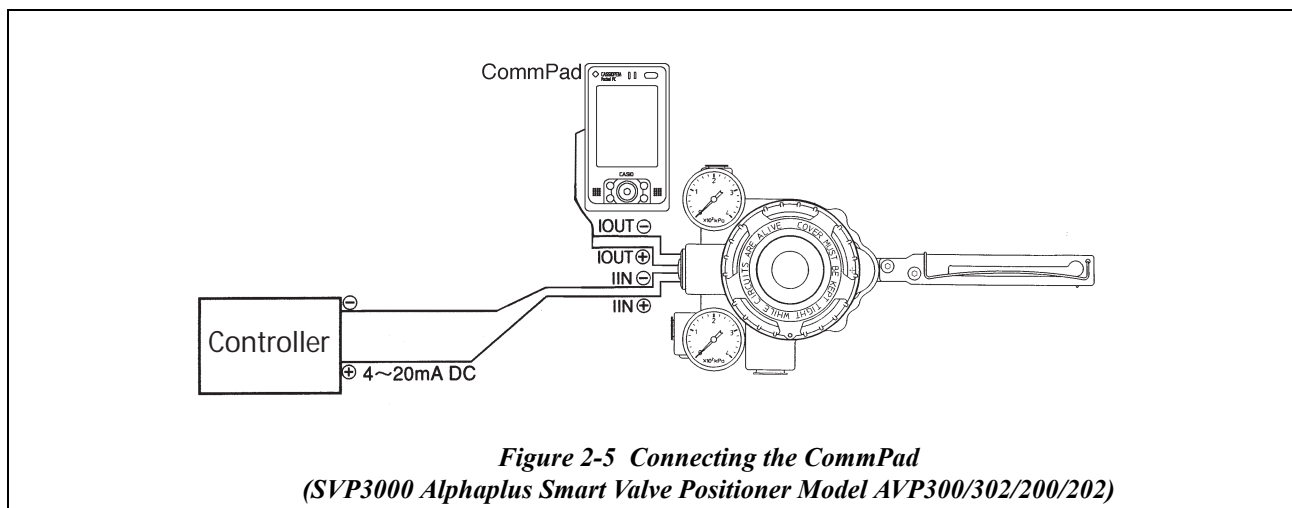


Figure 2-5 Connecting the CommPad (SVP3000 Alphaplus Smart Valve Positioner Model AVP300/302/200/202)

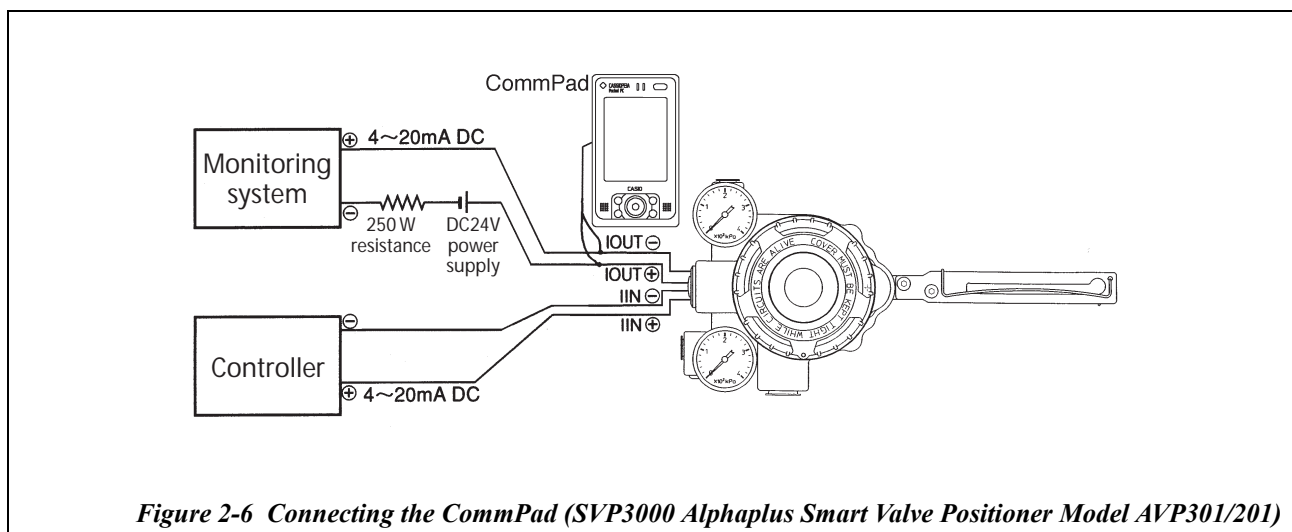


Figure 2-6 Connecting the CommPad (SVP3000 Alphaplus Smart Valve Positioner Model AVP301/201)

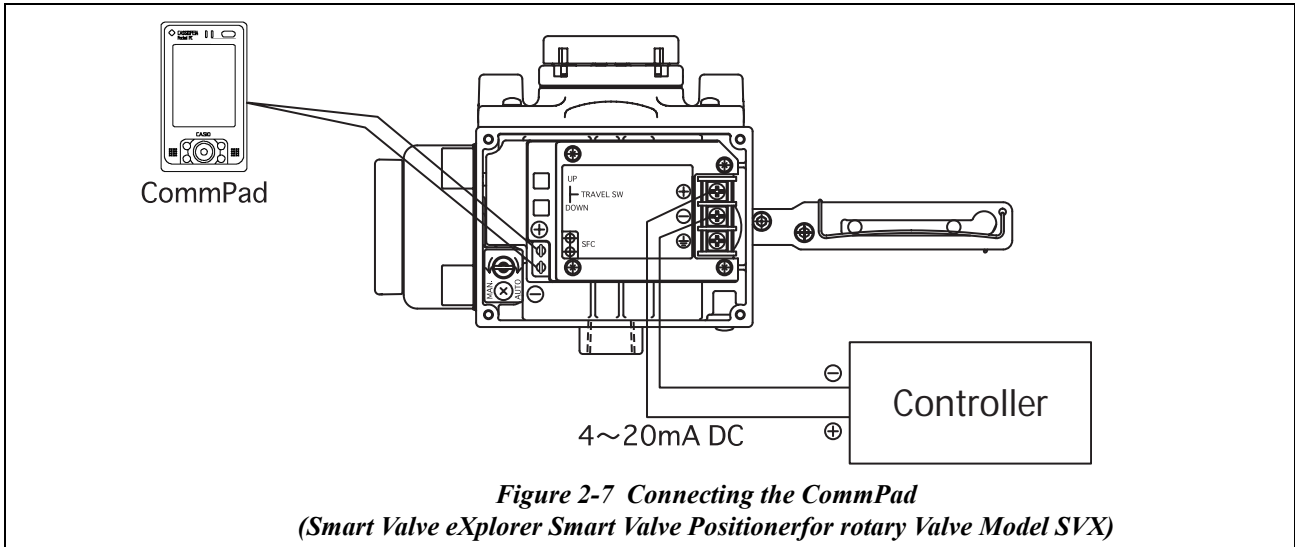


Figure 2-7 Connecting the CommPad  
(Smart Valve eXplorer Smart Valve Positioner for rotary Valve Model SVX)

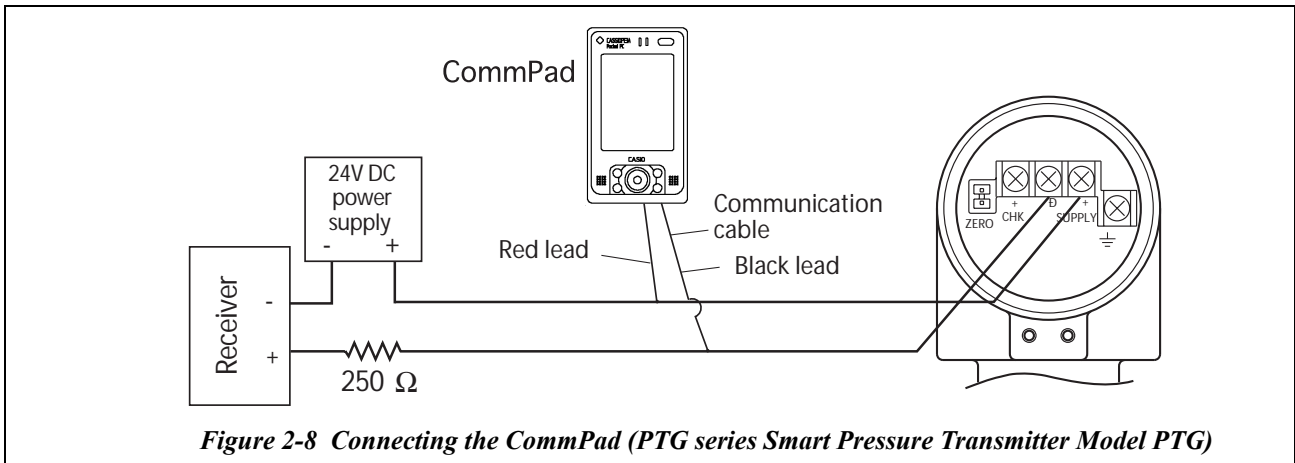


Figure 2-8 Connecting the CommPad (PTG series Smart Pressure Transmitter Model PTG)

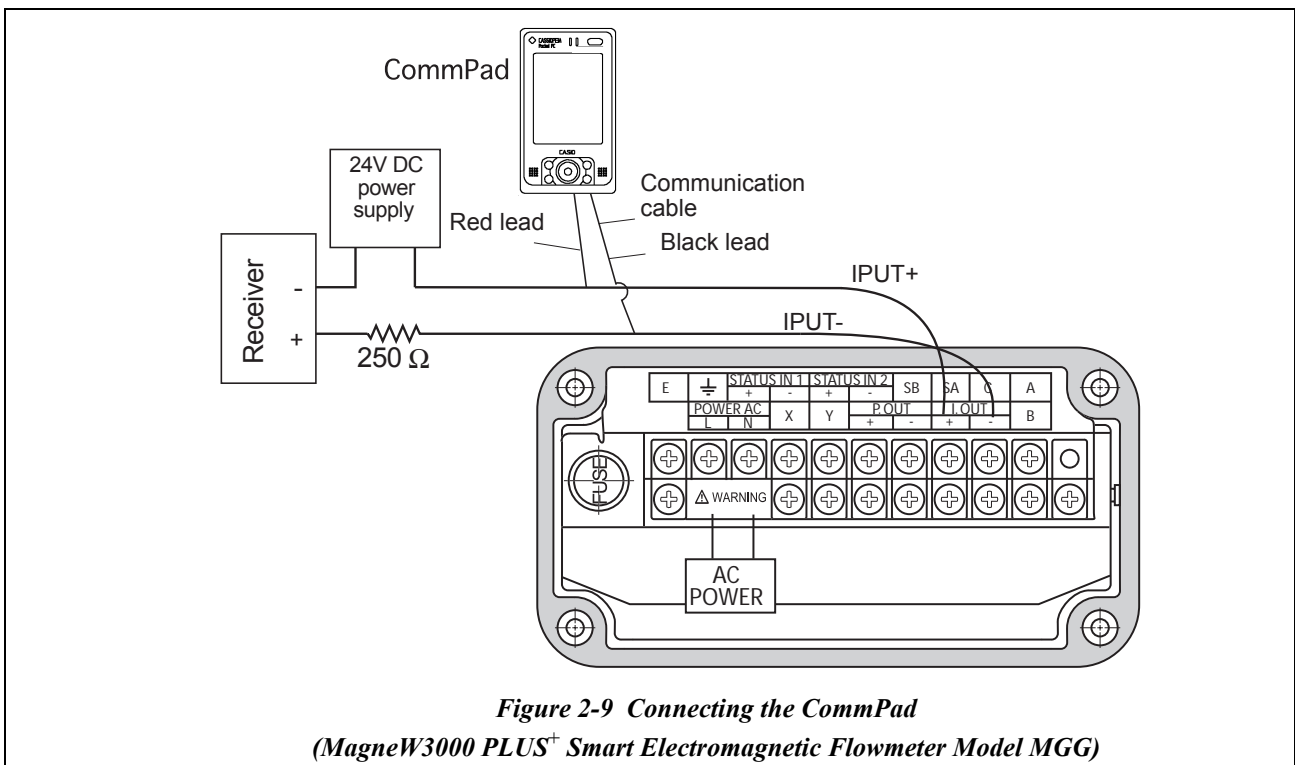
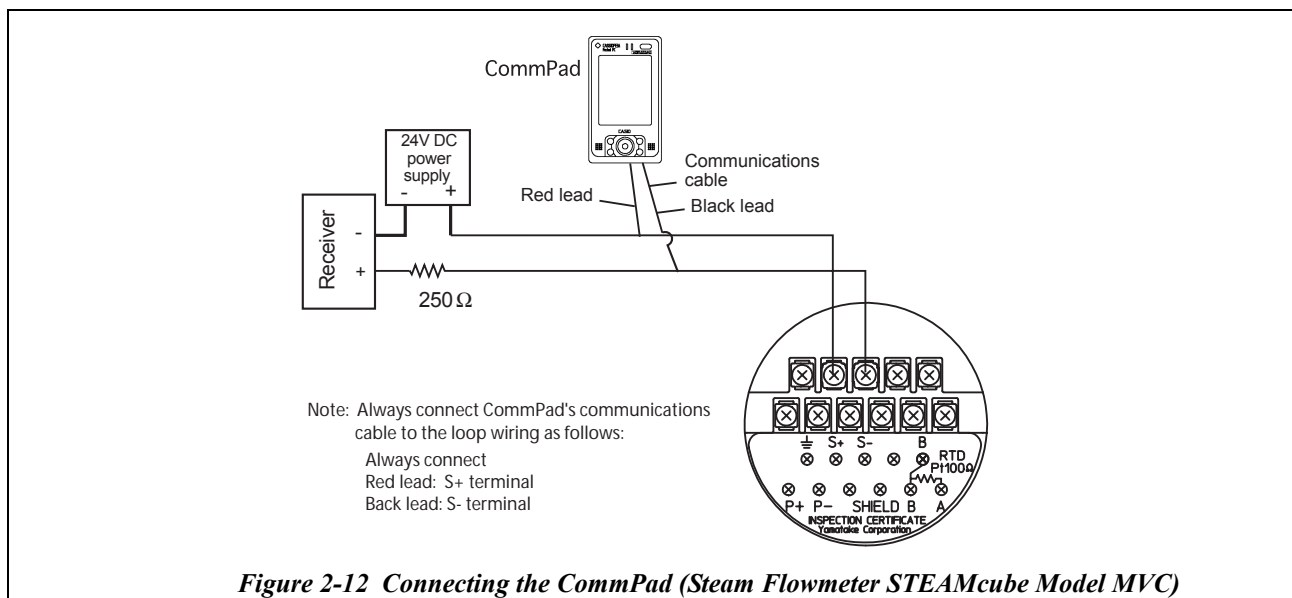
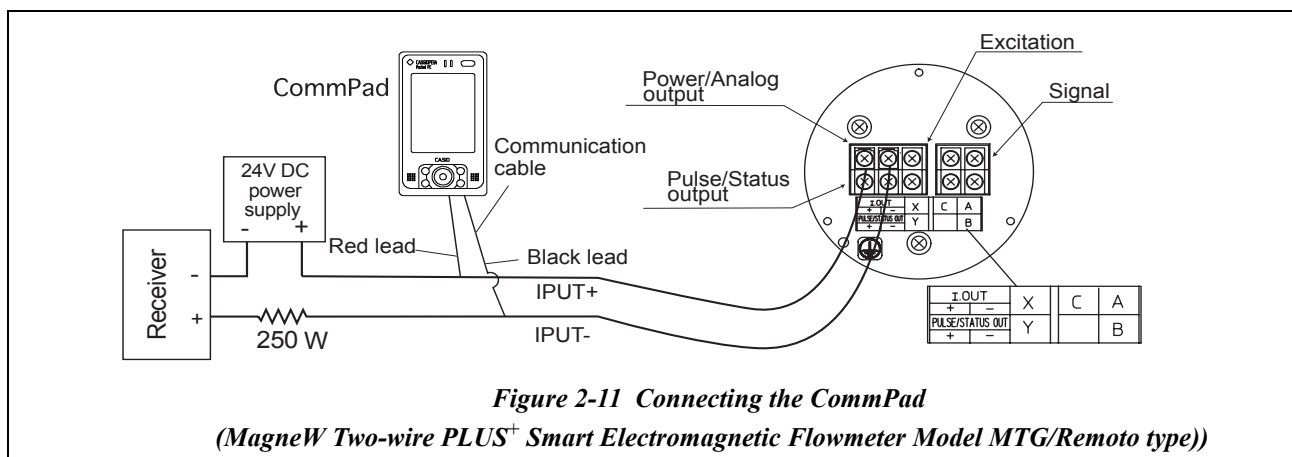
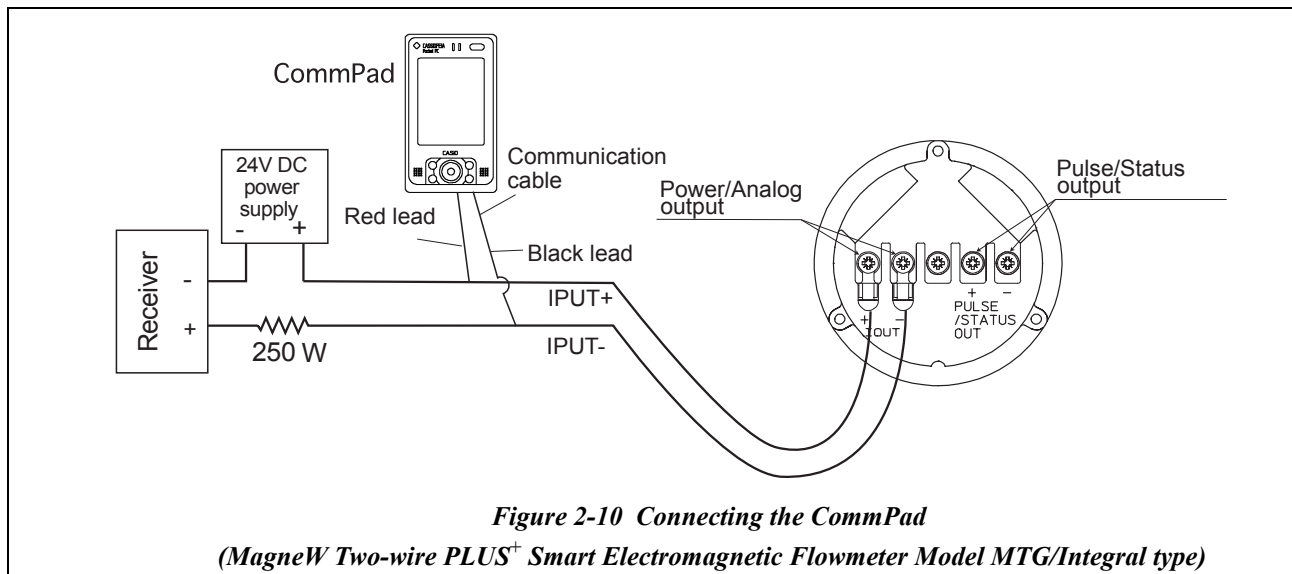
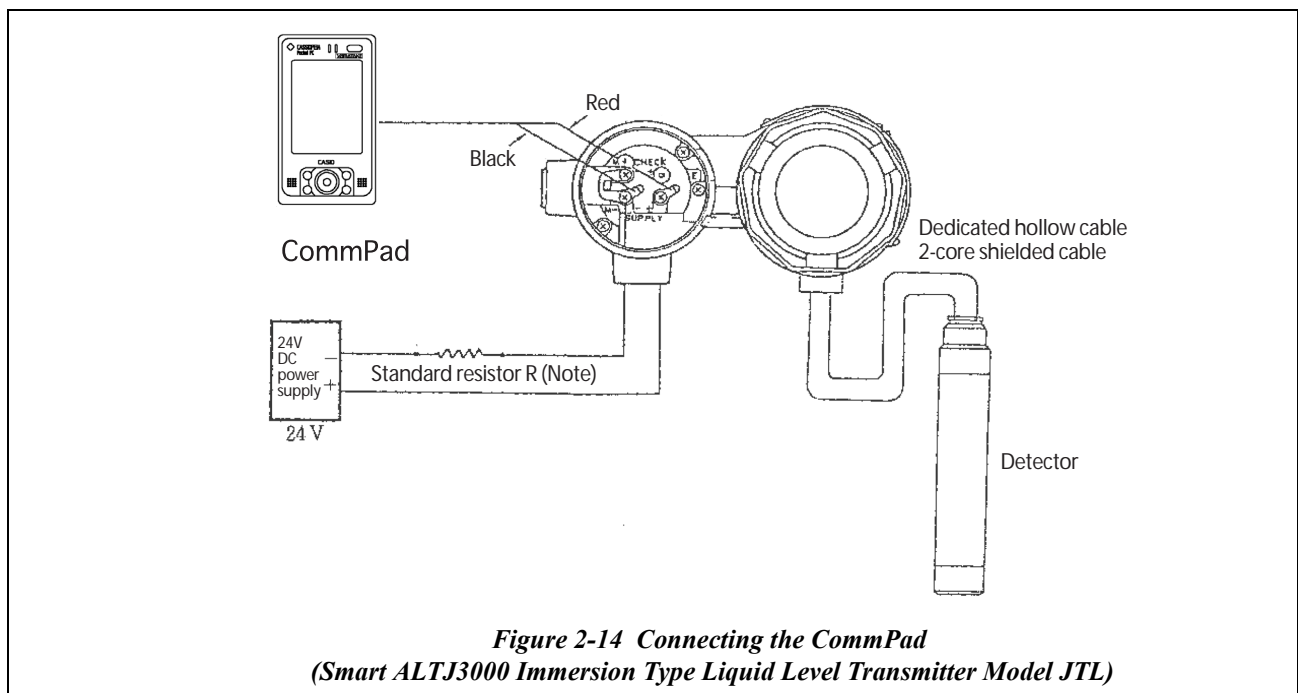
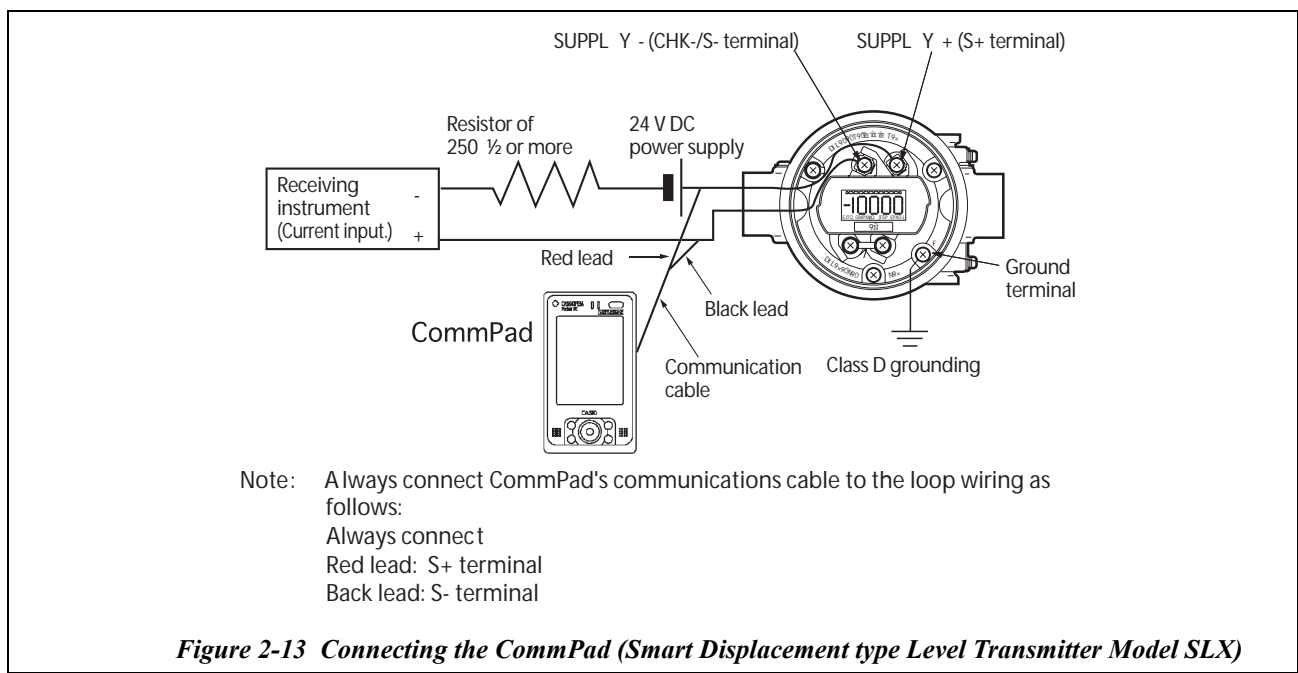
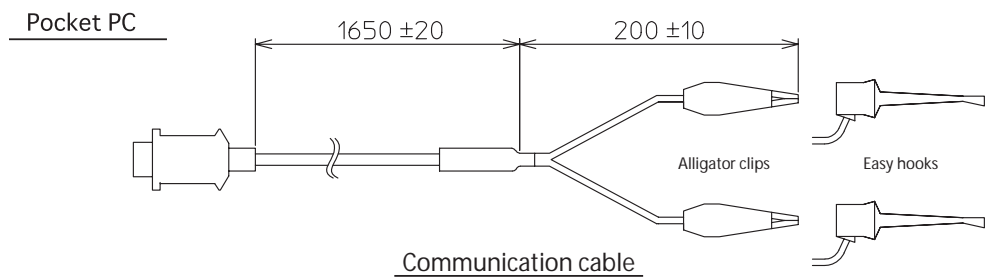
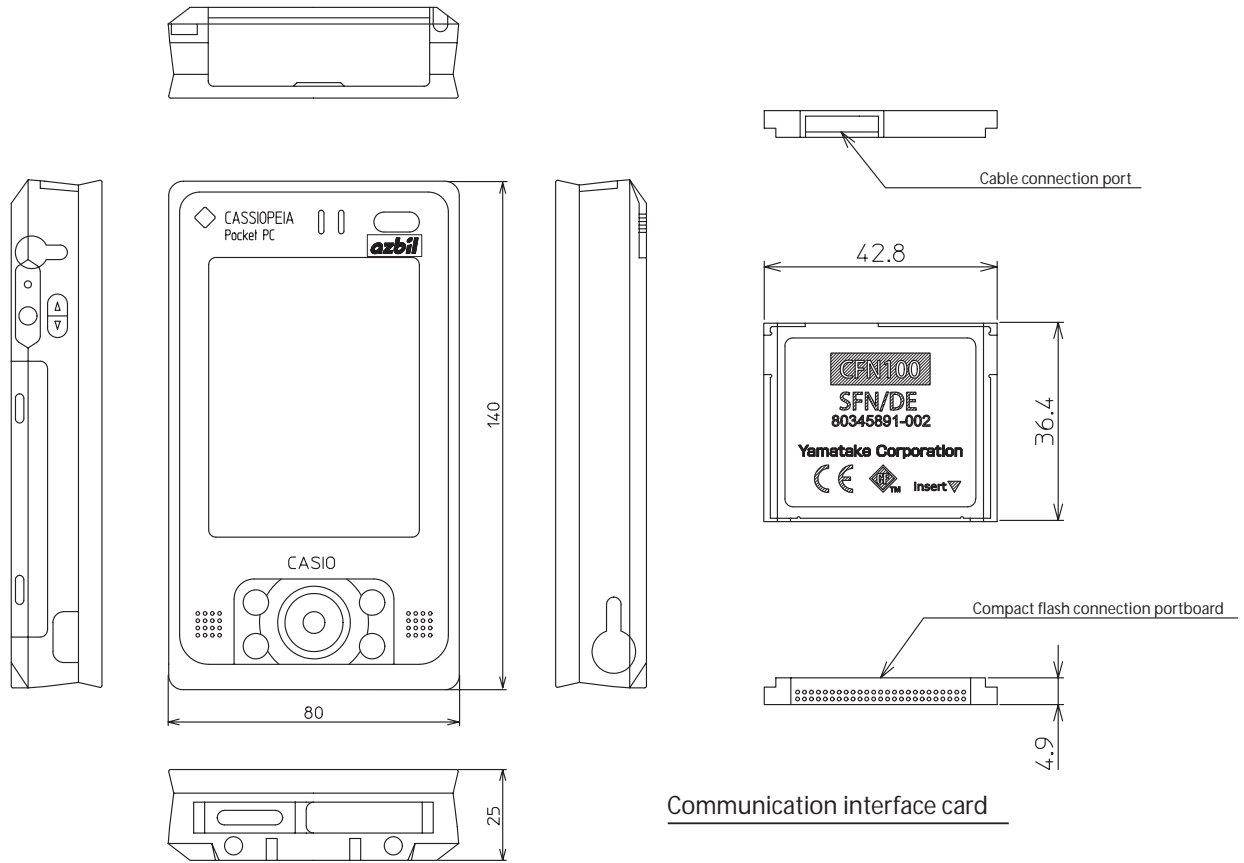


Figure 2-9 Connecting the CommPad  
(MagneW3000 PLUS+ Smart Electromagnetic Flowmeter Model MGG)





**Dimensions**







**azbil**

**Yamatake Corporation**  
**Advanced Automation Company**

1-12-2 Kawana, Fujisawa-shi  
Kanagawa-ken, 251-8522 Japan

**URL:**<http://www.azbil.com>