

# **FnIO S–Series:**

## ***Extension Function IOs***

***ST-5726(Extension Slave Module)***

# Table of Contents

**1. ENVIRONMENT SPECIFICATION ..... 3**  
**2. ST-5726(EXTENSION SLAVE) ..... 4**

## 1. ENVIRONMENT SPECIFICATION

### Environmental Specifications

Operating Temperature	-20°C ~60°C
Storage Temperature	-40°C ~85°C
Relative Humidity	5% ~ 90% non-condensing
Operating Altitude	2000m
Mounting	DIN rail

### General Specifications

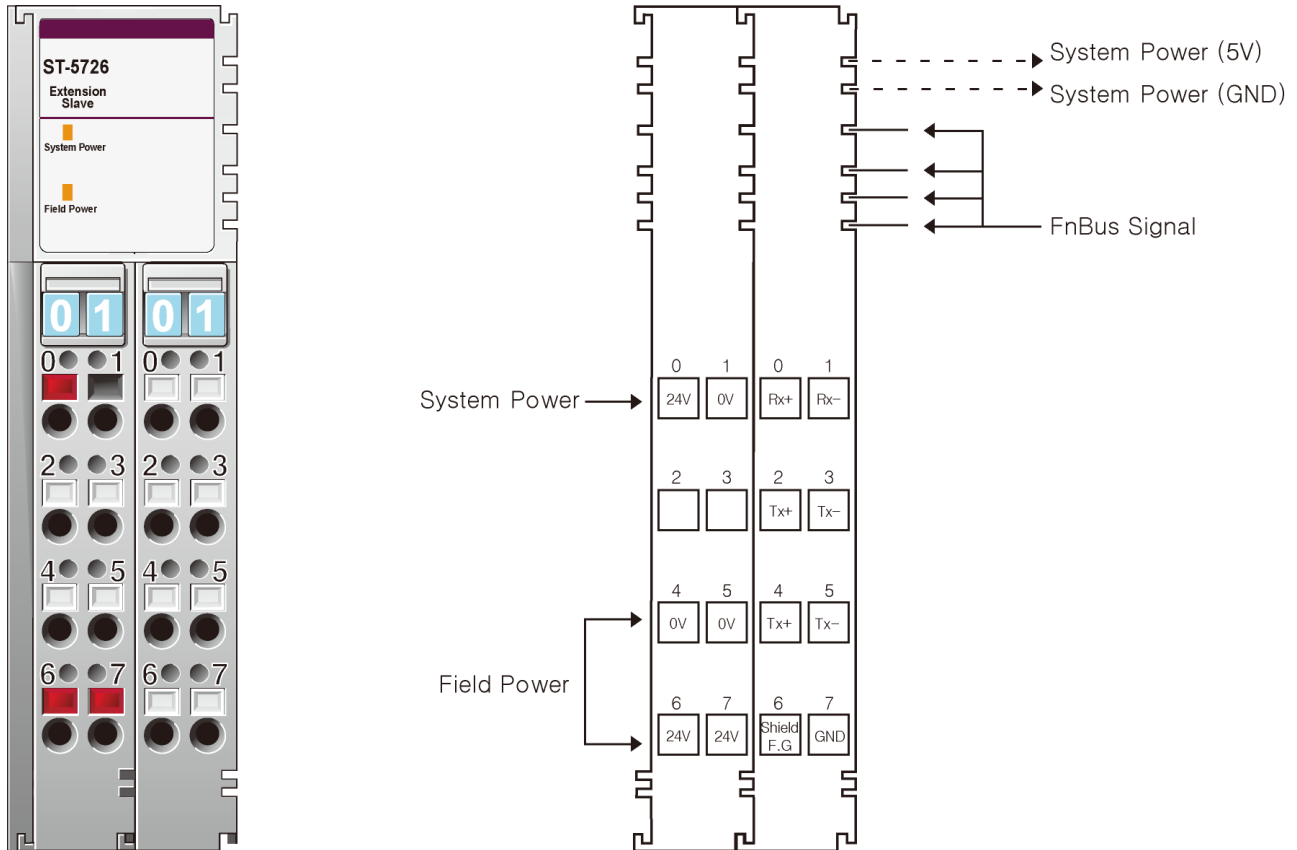
Shock Operating	10g
Shock Non-Operating	30g
Vibration/shock resistance	Displacement : 0.012Inch p-p from 10~57Hz Acceleration : 2G's from 57~500Hz Sweep Rate : 1 octave Per Minute Axes to test : x, y, z Frequency Sweeps Per Axis : 10
EMC resistance burst/ESD	EMC Directive
Installation Pos. / Protect. Class	Variable/IP20
Product Certifications	CE

## 2. ST-5726(EXTENSION SLAVE)

### 2.1. ST-5726 Specification

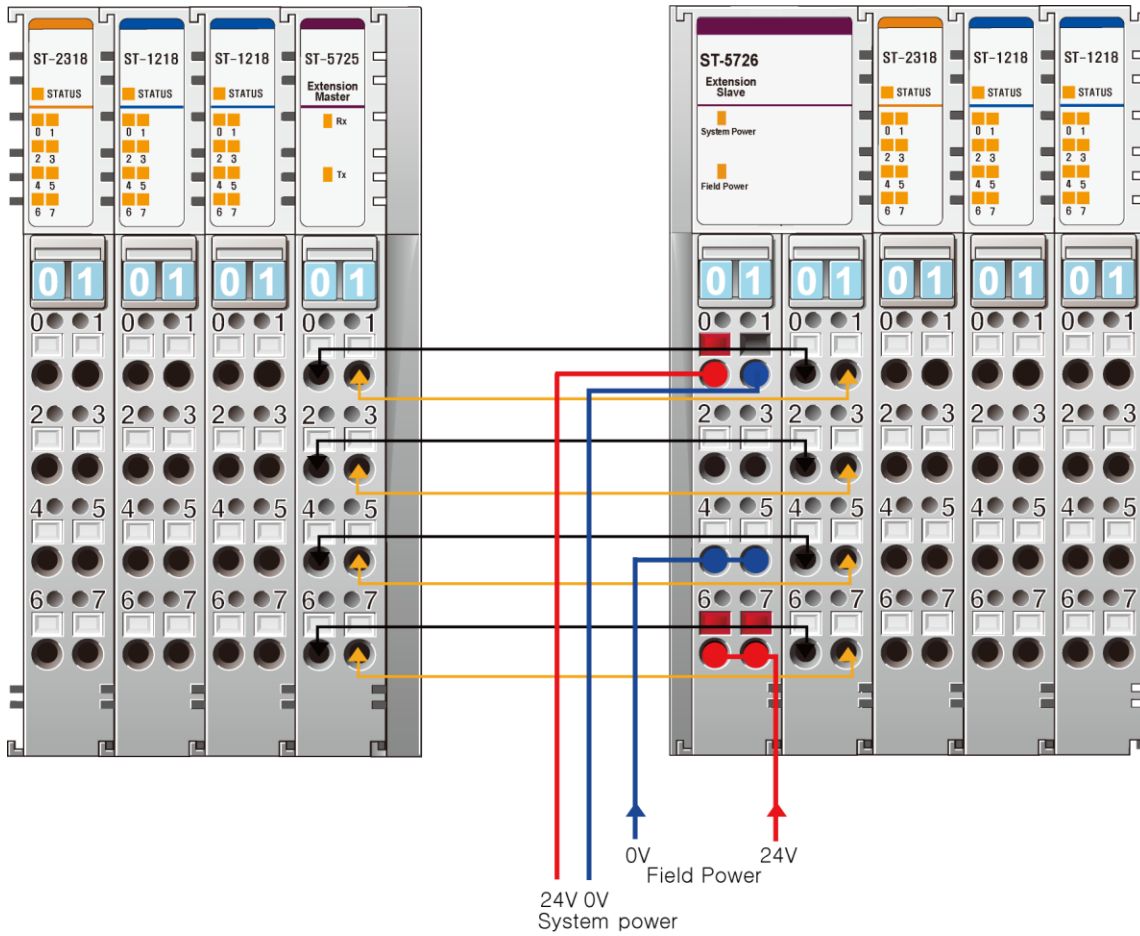
Items	Specification
<b>Communication Specifications</b>	
	ST-5726(Slave)
Number of Expansion I/O slots	Max 32 slot
Indicators	2 Green System Power / Field Power Status Indicator
Max. Length Extension Line between Master and Slave	Approximately Max. 300m
Requirements	ST-5725(Master), Extension Cable
Number of Extension Modules	Max 3Levels
Connection Type	RTB 8Points
<b>General Specification</b>	
Power Dissipation	Max. 100mA @5Vdc
Isolation	I/O to Logic : Photocoupler isolation
Field Power	No Connection with Field Power
Wiring	Extension Cable (AWG#26)
Weight	125g
Module Size	27.2mm x 99mm x 70mm
Environment Condition	Refer to Environment Specification.

## 2.2. ST-5726 Wiring Diagram

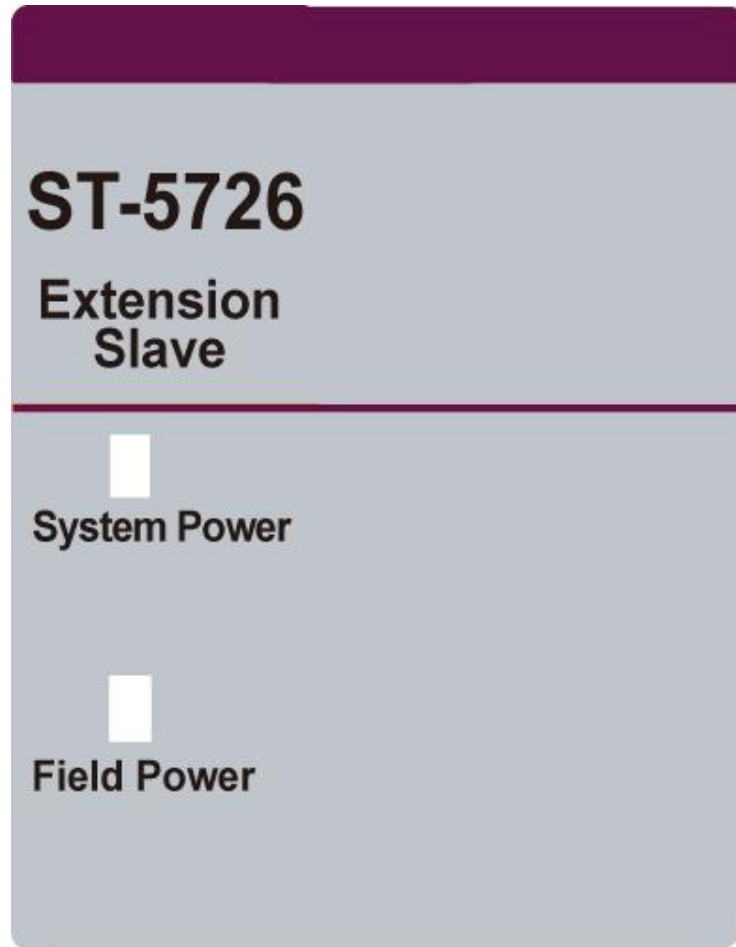


Pin No.	Description	Pin No.	Description
0	Rx+	1	Rx-
2	Tx+	3	Tx-
4	Tk+	5	Tk-
6	Shield / FG	7	GND

- Wiring



### 2.3. ST-5726 LEDS



Note : It does not have a Module Status LED(FnBus Status).

#### 2.3.1. Power LEDS

System Power LED is	State	To Indicate
OFF	System Power OFF-State	Normal Operation
Green	System Power ON-State	Normal Operation

Field Power LED is	State	To Indicate
OFF	Field Power OFF-State	Normal Operation
Green	Field Power ON-State	Normal Operation

### 2.4. ST-5725(Master) & ST-5726(Slave) System Diagram

