
FnIO G – Series :

GT-3914, GT-3924, GT-3934, GT-3944

GT-3914 (4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 12bit)

GT-3924 (4 Channels, Differential Voltage Input, 0~10Vdc / 0~5Vdc / -10~10Vdc / -5~5Vdc, 12bit)

GT-3934 (4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 14bit/16bit)

GT-3944 (4 Channels, Differential Voltage Input, 0~10Vdc / 0~5Vdc / -10~10Vdc / -5~5Vdc, 14bit/16bit)

Specification

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History

Rev	Pages	Remarks	Date	Editor
1.00			2016/10/25	Hongseok, Kim
1.01		Specification (GT-3914)	2017/01/09	Hongseok, Kim
1.02	17-29	Added GT-3934, GT-3944	2018/03/09	Soyeong, Park
1.03	17, 23	Edit 16bit Model_Resolution in Ranges	2018/06/14	Soyeong, Park
1.04		Edit Operation Temperature	2018/08/10	Soyeong, Park
1.05		Edit Conversion time	2020/04/17	Seokhyun, Jun
1.06	7,13,19 ,26	Add Module Resolution (14bit)	2022/06/20	Soyeong, Park
1.07	7-30	Change Diagram/Edit Certification, Parameter / Add Data range	2023/08/07	Soyeong, Park
1.08	13,26	Fixed incorrect data. (GT-3924, GT-3944 Isolation)	2024/10/25	Hongseok, Kim
1.09	6,12,18 ,25	Edit System Power Dissipation	2025/05/30	Suna, Hwang

Specification

1. Environment Specification

Environmental Specification	
Operation Temperature	-40°C~60°C
UL Temperature	-20°C~60°C
Storage Temperature	-40°C ~85°C
Relative Humidity	5%~90% Non-condensing
Mounting	DIN rail
General Specification	
Shock Operating	IEC 60068-2-27
Vibration Resistance	Based on IEC 60068-2-6, 4g
Industrial Emissions	EN61000-6-4/All : 2011
Industrial Immunity	EN 61000-6-2 : 2005
Installation Position	Vertical and horizontal installation is available
Product Certifications	CE, UL

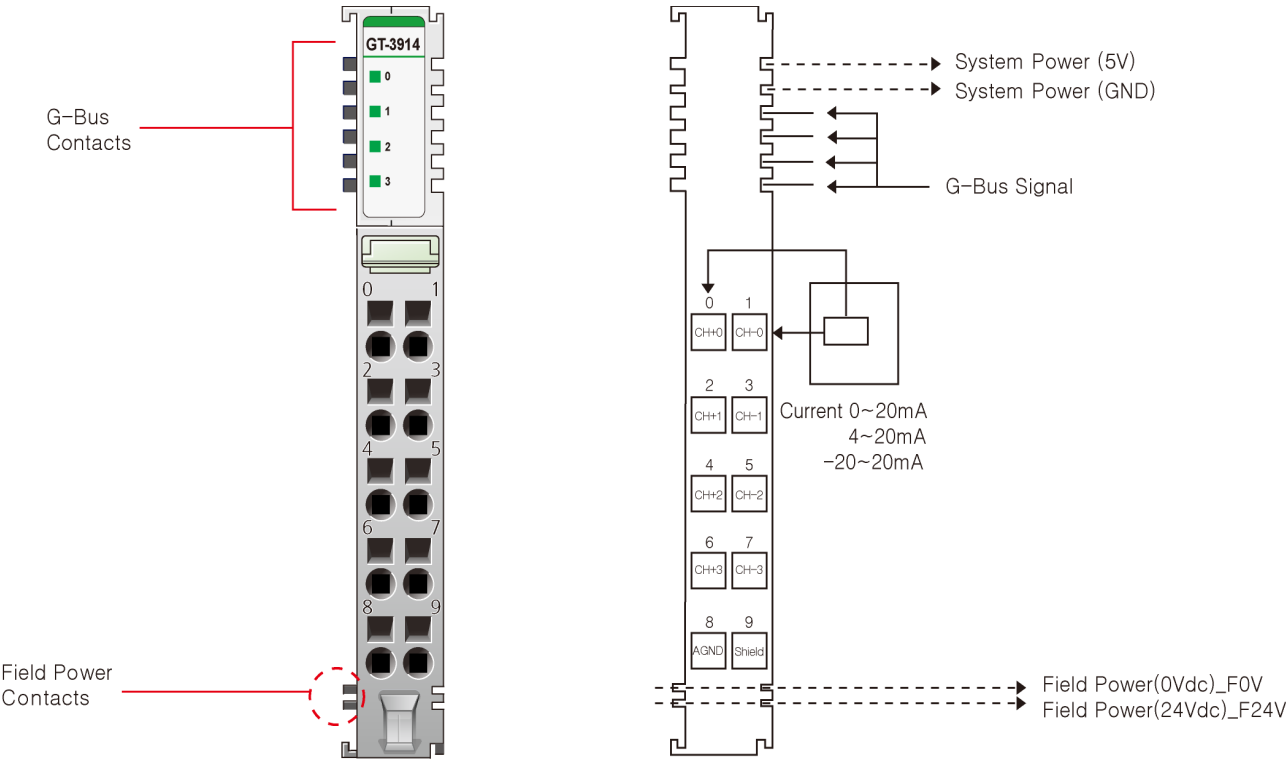
Specification

2. GT-3914 (4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 12bit)

2.1. GT-3914 Specification

Items	Specification
Input Specification	
Inputs Per Module	4 Channels Differential, non-isolated between channel
Indicators	4 Green Input Status
Resolution in Ranges	12 bits : 4.88uA/bit(0~20mA) 12 bits : 3.91uA/bit(4~20mA) 12 bits : 9.77uA/bit(-20~20mA)
Input Range	0~20mA, 4~20mA, -20~20mA
Data Format	16bits Integer (2' compliment)
Module Error	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance	121.5Ω
Diagnostic	Field Power Off : LED Blinking Field Power On : LED Off < 0.5% (Maximum Input Value) Field Power On : LED On > 0.5% (Maximum Input Value) Maximum Range Over : LED Off > 21mA Minimum Range Over : LED Off < 3mA (4~20mA) Minimum Range Over : LED Off < -20mA (-20~20mA)
Conversion Time	1.2msec / All channel
Calibration	Not Required
Common Type	1 Common, Field Power 0V is Common(AGND)
General Specification	
Power Dissipation	Max. 35mA @ 5Vdc
Isolation	I/O to Logic : Photocoupler Isolation Field power : DC/DC Converter Isolation
UL Field Power	Supply Voltage : 24Vdc nominal, Class 2
Field Power	Supply Voltage : 24Vdc nominal Voltage Range : 18~30Vdc @ 60°C Power Dissipation : Max. 45mA@24Vdc
Wiring	I/O Cable Max. 2.0mm ² (AWG 14)
Weight	58g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to 'Environment Specification'

2.2. GT-3914 Wiring Diagram



Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0(+)	Input Channel 0(-)	1
2	Input Channel 1(+)	Input Channel 1(-)	3
4	Input Channel 2(+)	Input Channel 2(-)	5
6	Input Channel 3(+)	Input Channel 3(-)	7
8	Input Channel Common(AGND)	Shield	9

2.3. GT-3914 LED Indicator

2.3.1. LED Indicator



LED No.	LED Function / Description	LED Color
0	INPUT Channel 0	Green
1	INPUT Channel 1	Green
2	INPUT Channel 2	Green
3	INPUT Channel 3	Green

2.3.2. Channel Status LED

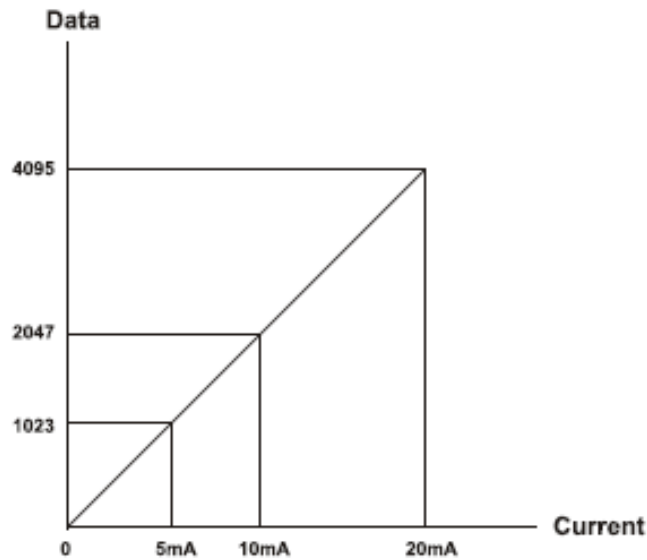
Status	LED	To indicate
Normal Operation	Off	< 0.5% (Maximum Input Value)
	Green	> 0.5% (Maximum Input Value)
Overrun/Underrun	Off	> 21mA (Maximum Range Over)
		< 3mA (Minimum Range Over, 4~20mA)
		< -21mA (Minimum Range Over, -20~20mA)
Field Power Error	All Channel Repeat the Green and OFF	Field Power is unconnected

2.4. Data Value / Current

2.4.1. Operating Range

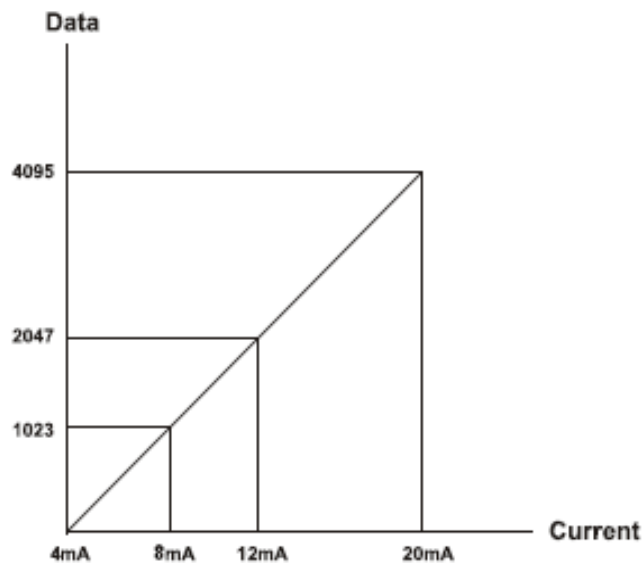
Current Range : 0~20mA

Current	0.0mA	5.0mA	10.0mA	20.0mA
Data(Hex)	H0000	H03FF	H07FF	H0FFF



Current Range : 4~20mA

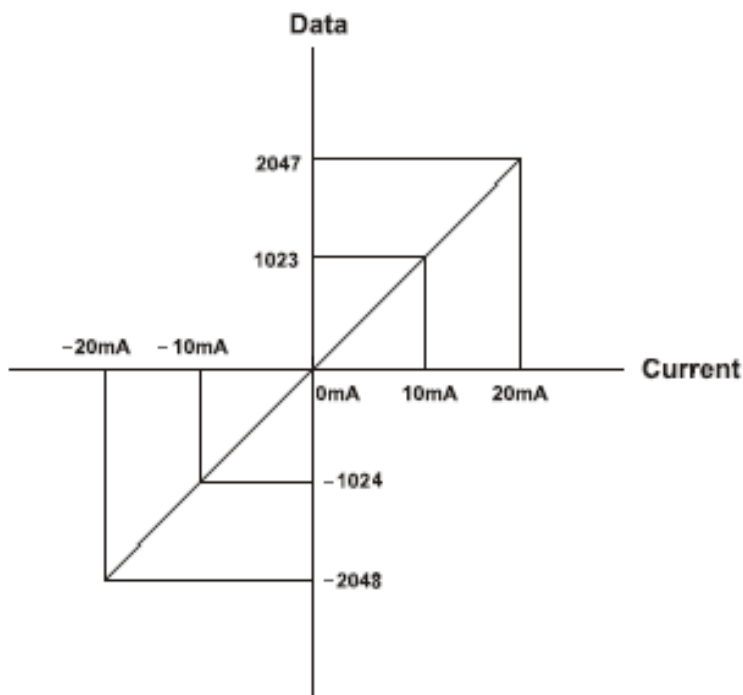
Current	4.0mA	8.0mA	12.0mA	20.0mA
Data(Hex)	H0000	H03FF	H07FF	H0FFF



Specification

Current Range : -20~20mA

Current	-20.0mA	-10.0mA	0.0mA	10.0mA	20.mA
Data(Hex)	HF800	HFC00	H0000	H03FF	H07FF



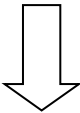
2.4.2. Underrun / Overrun Range

Current	Current Range : 0~20mA		Current Range : 4~20mA		Current Range : -20~20mA	
	<0.0mA	>21.0mA	<3.0mA	>21.0mA	<-21.0mA	>21.0mA
Data(Hex)	-	H7FFF	H8000	H7FFF	H8000	H7FFF

2.5. Mapping Data into the Image Table

● Input Module Data

	Analog Input Ch0
	Analog Input Ch1
	Analog Input Ch2
	Analog Input Ch3



● Input Image Value

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Analog Input Ch0 Low byte							
Byte1	Analog Input Ch0 High byte							
Byte2	Analog Input Ch1 Low byte							
Byte3	Analog Input Ch1 High byte							
Byte4	Analog Input Ch2 Low byte							
Byte5	Analog Input Ch2 High byte							
Byte6	Analog Input Ch3 Low byte							
Byte7	Analog Input Ch3 High byte							

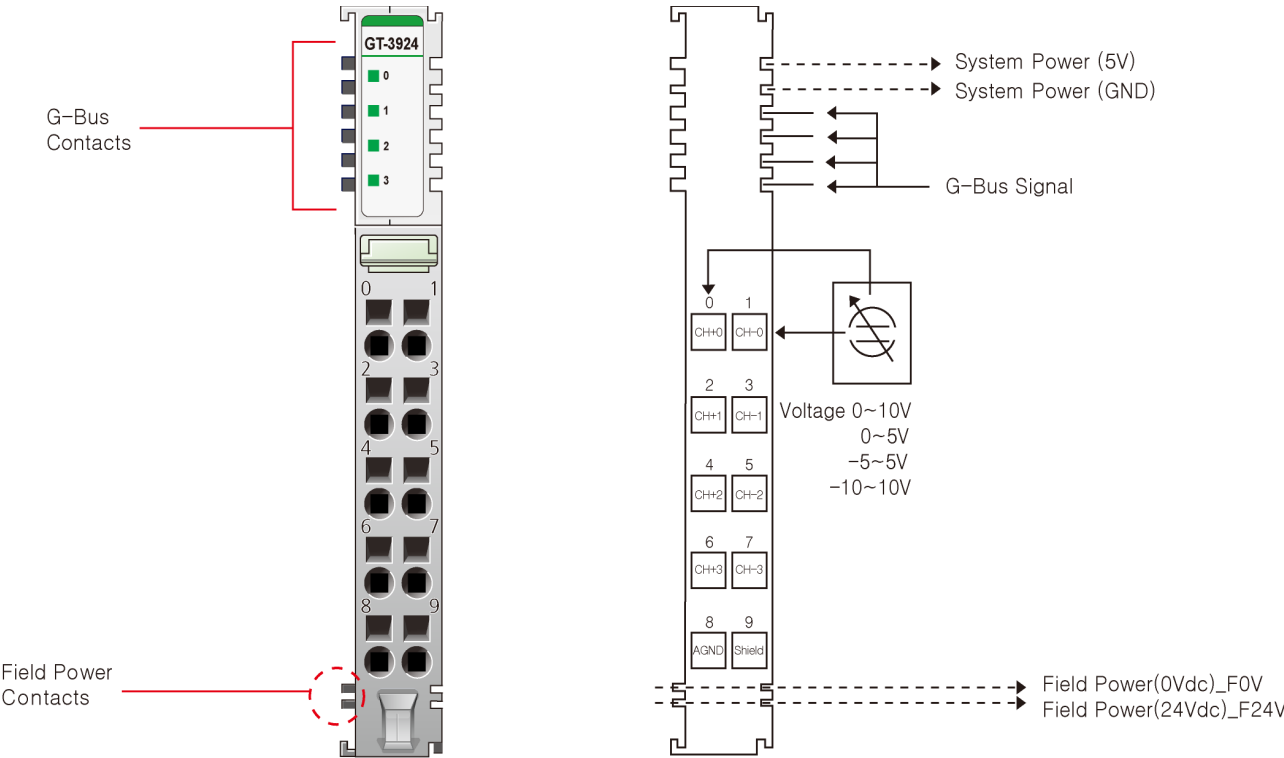
Specification

3. GT-3924 (4 Channels, Differential Voltage Input, 0~10Vdc / 0~5Vdc / -10~10Vdc / -5~5Vdc, 12bit)

3.1. GT-3924 Specification

Items	Specification
Input Specification	
Inputs Per Module	4 Channels Differential, non-isolated between channel
Indicators	4 Green Input Status
Resolution in Ranges	12 bits : 2.44mV/Bit(0~10V) 12 bits : 1.22mV/Bit(0~5V) 12 bits : 4.88mV/Bit(-10~10V) 12 bits : 2.44mV/Bit(-5~5V)
Input Range	0~10Vdc, 0~5Vdc, -10~10Vdc, -5~5Vdc
Data Format	16bits Integer (2' compliment)
Module Error	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance	667kΩ
Diagnostic	Diagnostic Field Power Off : LED Blinking Field Power On : LED Off < 0.5% (Maximum Input Value) Field Power On : LED On > 0.5% (Maximum Input Value)
Conversion Time	1msec / All channel
Calibration	Not Required
Common Type	1 Common, Field Power 0V is Common(AGND)
General Specification	
Power Dissipation	Max. 35mA @ 5Vdc
Isolation	I/O to Logic : Photocoupler Isolation Field power : DC/DC Converter Isolation
UL Field Power	Supply Voltage : 24Vdc nominal, Class 2
Field Power	Supply Voltage : 24Vdc nominal Supply Voltage : 18~30Vdc Power Dissipation : Max. 50mA@24Vdc
Wiring	I/O Cable Max. 2.0mm ² (AWG 14)
Weight	58g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to 'Environment Specification'

3.2. GT-3924 Wiring Diagram



Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0(+)	Input Channel 0(-)	1
2	Input Channel 1(+)	Input Channel 1(-)	3
4	Input Channel 2(+)	Input Channel 2(-)	5
6	Input Channel 3(+)	Input Channel 3(-)	7
8	Input Channel Common(AGND)	Shield	9

3.3. GT-3924 LED Indicator

3.3.1. LED Indicator



LED No.	LED Function / Description	LED Color
0	INPUT Channel 0	Green
1	INPUT Channel 1	Green
2	INPUT Channel 2	Green
3	INPUT Channel 3	Green

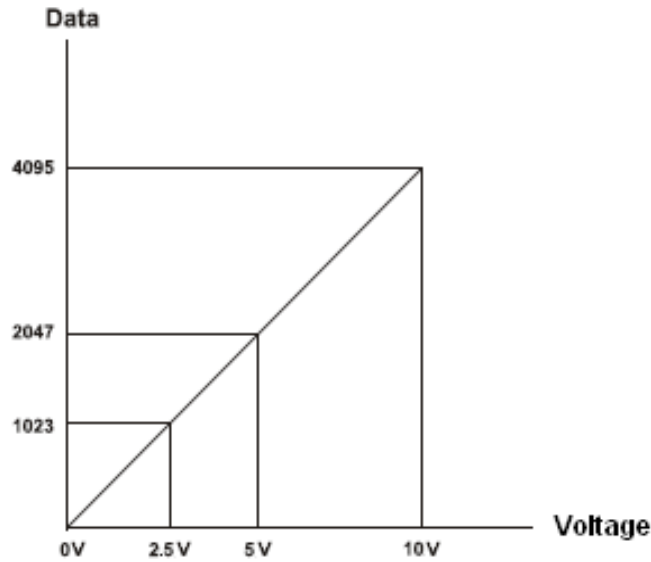
3.3.2. Channel Status LED

Status	LED	To indicate
Normal Operation	Off	< 0.5% (Maximum Input Value)
	Green	> 0.5% (Maximum Input Value)
Field Power Error	All Channel Repeat the Green and OFF	Field Power is unconnected

3.4. Data Value / Voltage

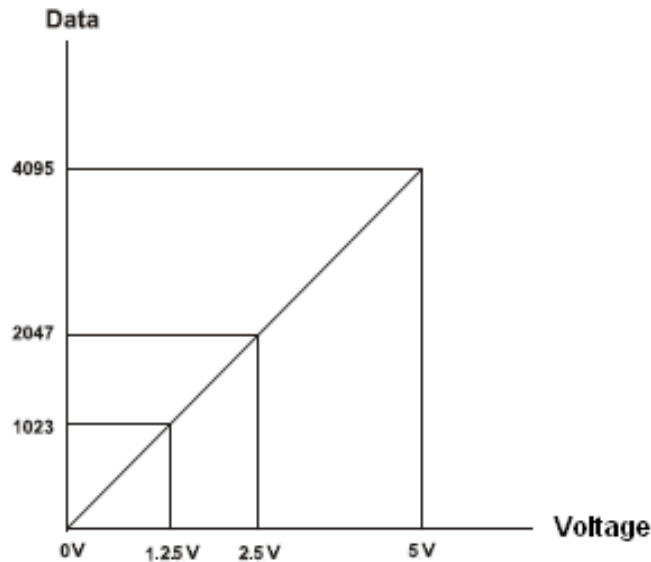
Voltage Range : 0~10V

Voltage	0.0V	2.5V	5.0V	10.0V
Data(Hex)	H0000	H03FF	H07FF	H0FFF



Voltage Range : 0~5V

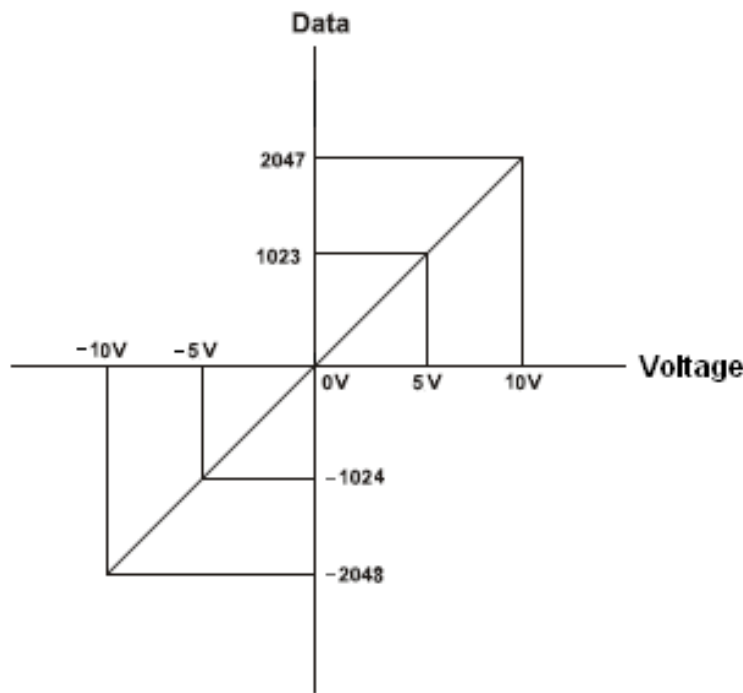
Voltage	0.0V	1.25V	2.5V	5.0V
Data(Hex)	H0000	H03FF	H07FF	H0FFF



Specification

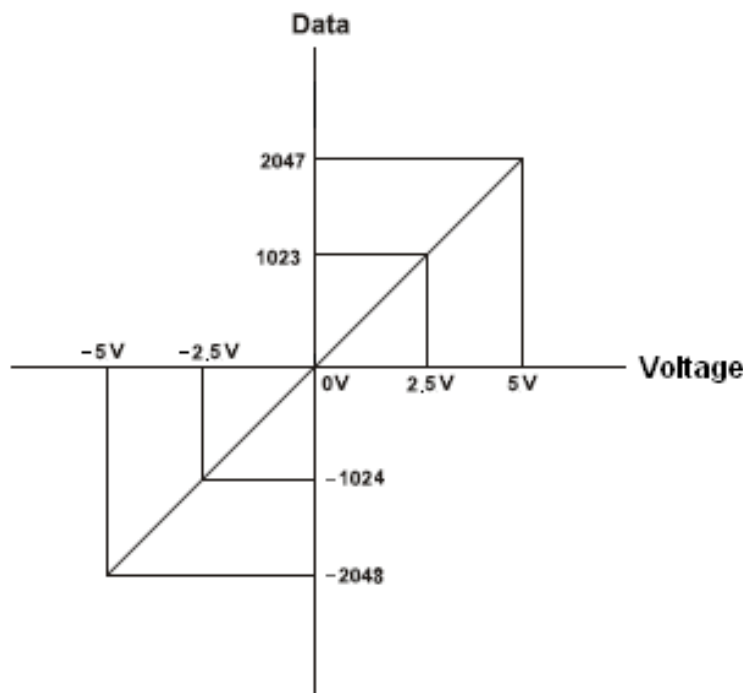
Voltage Range : -10~10V

Voltage	-10.0V	-5.0V	0.0V	5.0V	10.0V
Data(Hex)	HF800	HFC00	H0000	H03FF	H07FF



Voltage Range : -5~5V

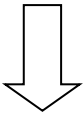
Voltage	-5.0V	-2.5V	0.0V	2.5V	5.0V
Data(Hex)	HF800	HFC00	H0000	H03FF	H07FF



3.5. Mapping Data into the Image Table

● Input Module Data

	Analog Input Ch0
	Analog Input Ch1
	Analog Input Ch2
	Analog Input Ch3



● Input Image Value

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Analog Input Ch0 Low byte							
Byte1	Analog Input Ch0 High byte							
Byte2	Analog Input Ch1 Low byte							
Byte3	Analog Input Ch1 High byte							
Byte4	Analog Input Ch2 Low byte							
Byte5	Analog Input Ch2 High byte							
Byte6	Analog Input Ch3 Low byte							
Byte7	Analog Input Ch3 High byte							

Specification

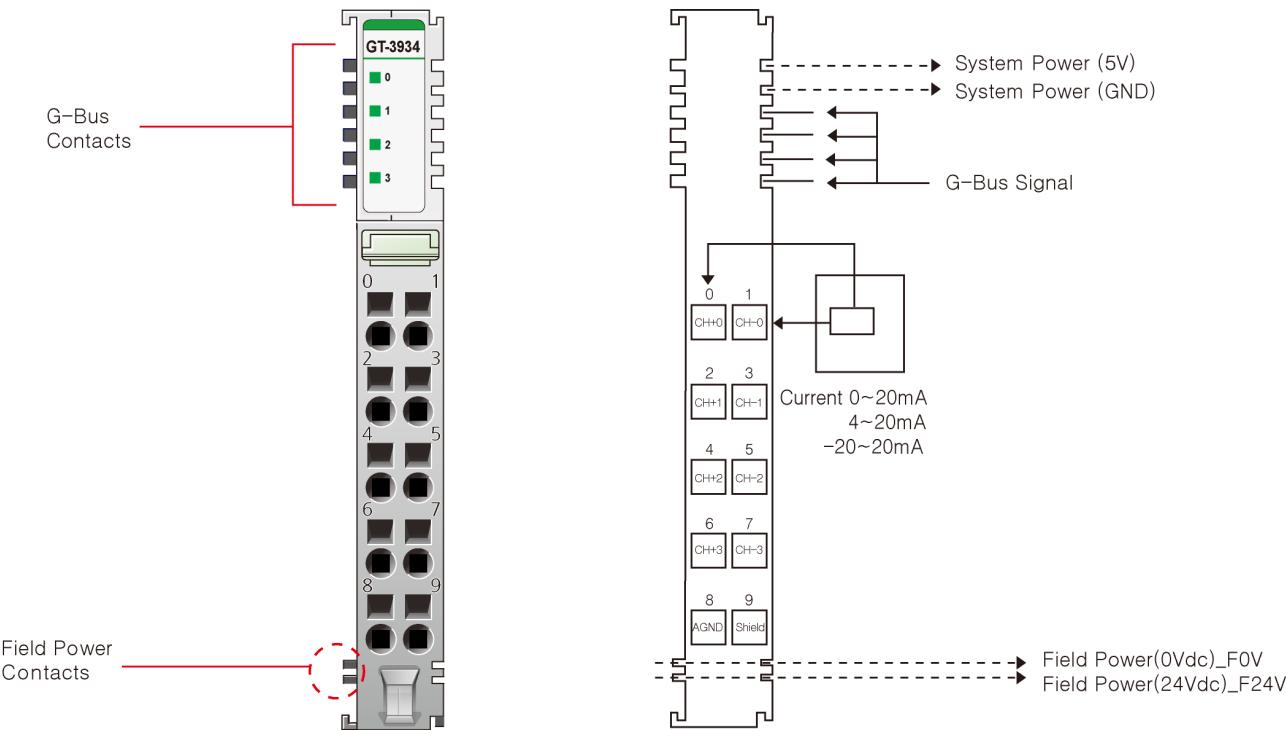
4. GT-3934 (4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 14bit/16bit)

4.1. GT-3934 Specification

Items	Specification
Input Specification	
Inputs Per Module	4 Channels Differential, non-isolated between channel
Indicators	4 Green Input Status
Resolution in Ranges*	14 bits : 1.22uA/Bit(0~20mA) 14 bits : 0.98uA/Bit(4~20mA) 14 bits : 2.44uA/Bit(-20~20mA) 16bit(Include Sign) 15 bits : 0.61uA/Bit(0~20mA) 15 bits : 0.49uA/Bit(4~20mA) 15bit(Include Sign) 15 bits : 1.22uA/Bit(-20~20mA)
Input Range	0~20mA, 4~20mA, -20~20mA
Data Format	16bits Integer (2' compliment)
Module Error	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance	121.5Ω
Diagnostic	Field Power Off : LED Blinking Field Power On : LED Off < 0.5% (Maximum Input Value) Field Power On : LED On > 0.5% (Maximum Input Value) Minimum Range Over : LED Off < 3mA (4~20mA) Maximum Range Over : LED Off > 21mA(-20~20mA) Minimum Range Over : LED Off < -21mA (-20~20mA)
Conversion Time	1.2msec / All channel
Calibration	Not Required
Common Type	1 Common, Field Power 0V is Common(AGND)
General Specification	
Power Dissipation	Max. 35mA @ 5Vdc
Isolation	I/O to Logic : Photocoupler Isolation Field power : DC/DC Converter Isolation
UL Field Power	Supply Voltage : 24Vdc nominal, Class 2
Field Power	Supply Voltage : 24Vdc nominal Voltage Range : 18~30Vdc @ 60°C Power Dissipation : Max. 45mA@24Vdc
Wiring	I/O Cable Max. 2.0mm ² (AWG 14)
Weight	58g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to 'Environment Specification'

*Refer to 6. Parameter Data

4.2. GT-3934 Wiring Diagram



Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0(+)	Input Channel 0(-)	1
2	Input Channel 1(+)	Input Channel 1(-)	3
4	Input Channel 2(+)	Input Channel 2(-)	5
6	Input Channel 3(+)	Input Channel 3(-)	7
8	Input Channel Common(AGND)	Shield	9

4.3. GT-3934 LED Indicator

4.3.1. LED Indicator



LED No.	LED Function / Description	LED Color
0	INPUT Channel 0	Green
1	INPUT Channel 1	Green
2	INPUT Channel 2	Green
3	INPUT Channel 3	Green

4.3.2. Channel Status LED

Status	LED	To indicate
Normal Operation	Off	< 0.5% (Maximum Input Value)
	Green	> 0.5% (Maximum Input Value)
Overrun/Underrun	Off	< 3mA (Minimum Range Over, 4~20mA)
		> 21mA (Maximum Range Over, -20~20mA)
		< -21mA (Minimum Range Over, -20~20mA)
Field Power Error	All Channel Repeat the Green and OFF	Field Power is unconnected

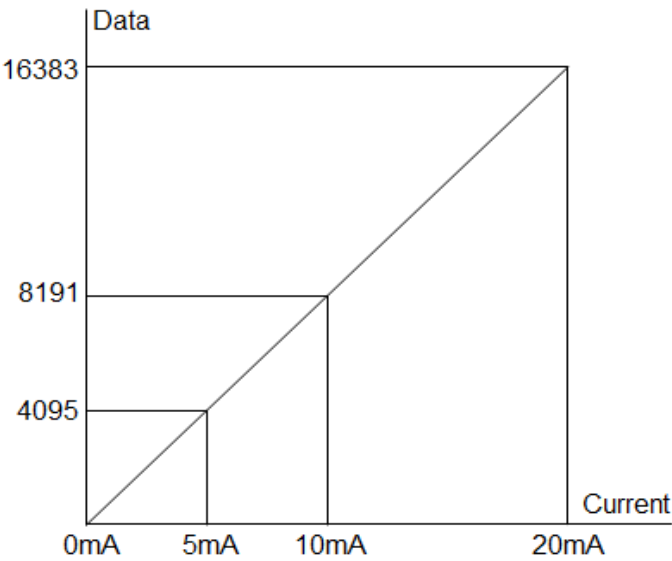
4.4. Data Value / Current

4.4.1. Operating Range

Current Range : 0~20mA

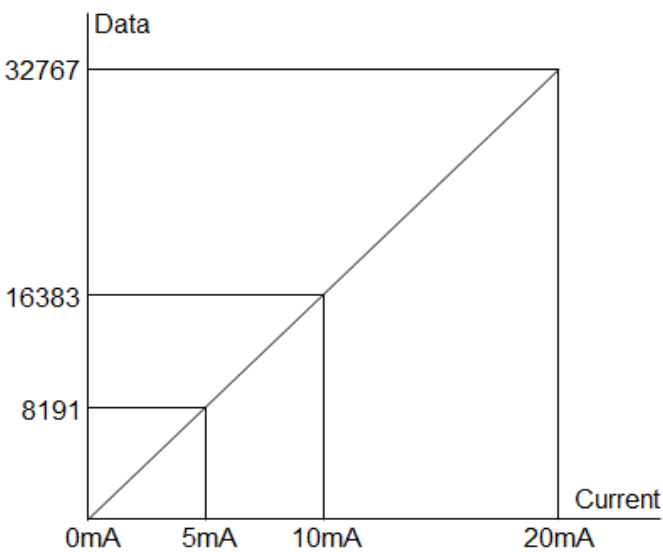
(14bit)

Current	0.0mA	5.0mA	10.0mA	20.0mA
Data(Hex)	H0000	H0FFF	H1FFF	H3FFF



(16bit)

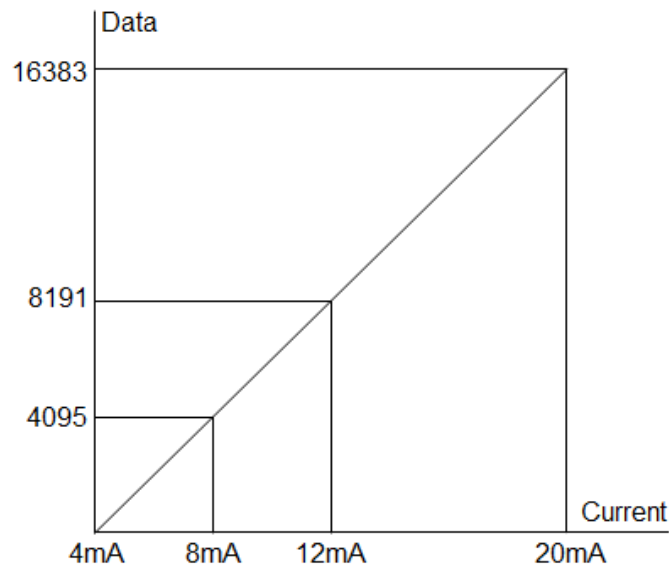
Current	0.0mA	5.0mA	10.0mA	20.0mA
Data(Hex)	H0000	H1FFF	H3FFF	H7FFF



Current Range : 4~20mA

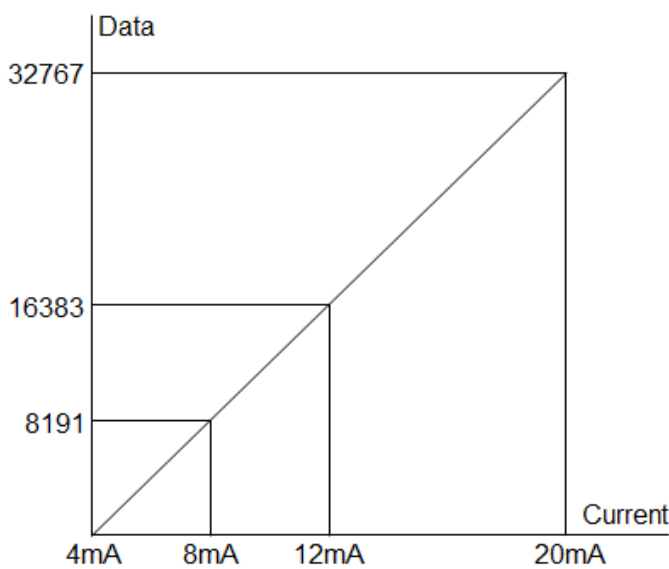
(14bit)

Current	4.0mA	8.0mA	12.0mA	20.0mA
Data(Hex)	H0000	H0FFF	H1FFF	H3FFF



(16bit)

Current	4.0mA	8.0mA	12.0mA	20.0mA
Data(Hex)	H0000	H1FFF	H3FFF	H7FFF

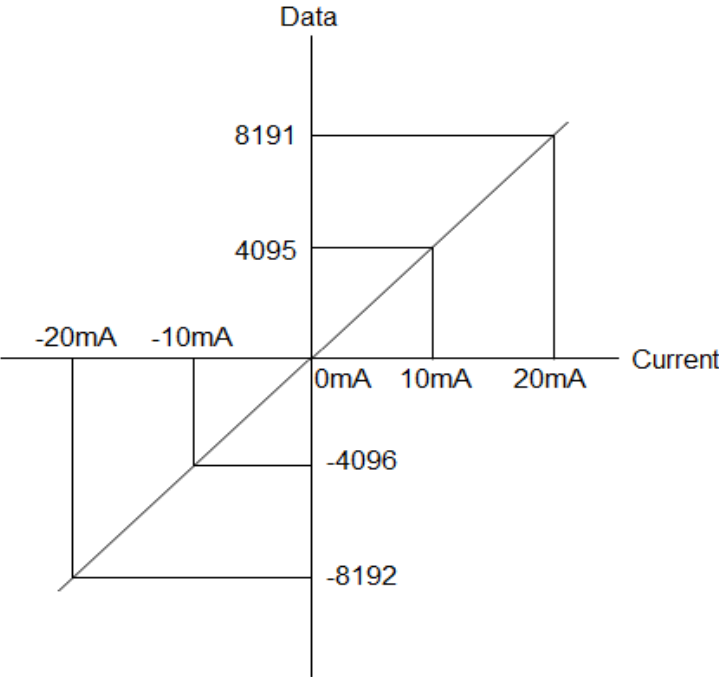


Specification

Current Range : -20~20mA

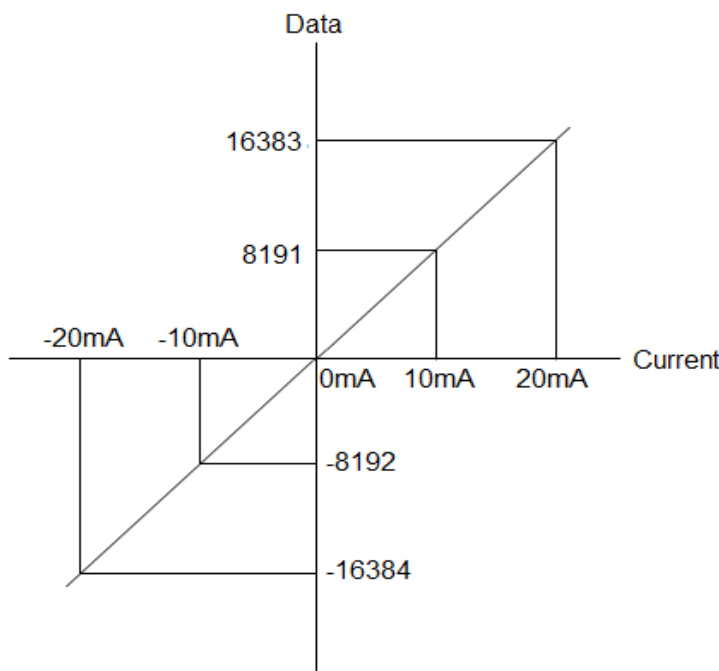
(14bit)

Current	-20.0mA	-10.0mA	0mA	10.0mA	20.mA
Data(Hex)	HE000	HF000	H0000	H0FFF	H1FFF



(16bit)

Current	-20.0mA	-10.0mA	0mA	10.0mA	20.mA
Data(Hex)	HC000	HE000	H0000	H1FFF	H3FFF



Specification

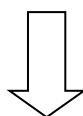
4.4.2. Underrun / Overrun Range

Current	Current Range : 0~20mA		Current Range : 4~20mA		Current Range : -20~20mA	
	<0.0mA	>21.0mA	<3.0mA	>21.0mA	<-21.0mA	>21.0mA
Data(Hex)	-	H7FFF	H8000	H7FFF	H8000	H7FFF

4.5. Mapping Data into the Image Table

● Input Module Data

	Analog Input Ch0
	Analog Input Ch1
	Analog Input Ch2
	Analog Input Ch3



● Input Image Value

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Analog Input Ch0 Low byte							
Byte1	Analog Input Ch0 High byte							
Byte2	Analog Input Ch1 Low byte							
Byte3	Analog Input Ch1 High byte							
Byte4	Analog Input Ch2 Low byte							
Byte5	Analog Input Ch2 High byte							
Byte6	Analog Input Ch3 Low byte							
Byte7	Analog Input Ch3 High byte							

Specification

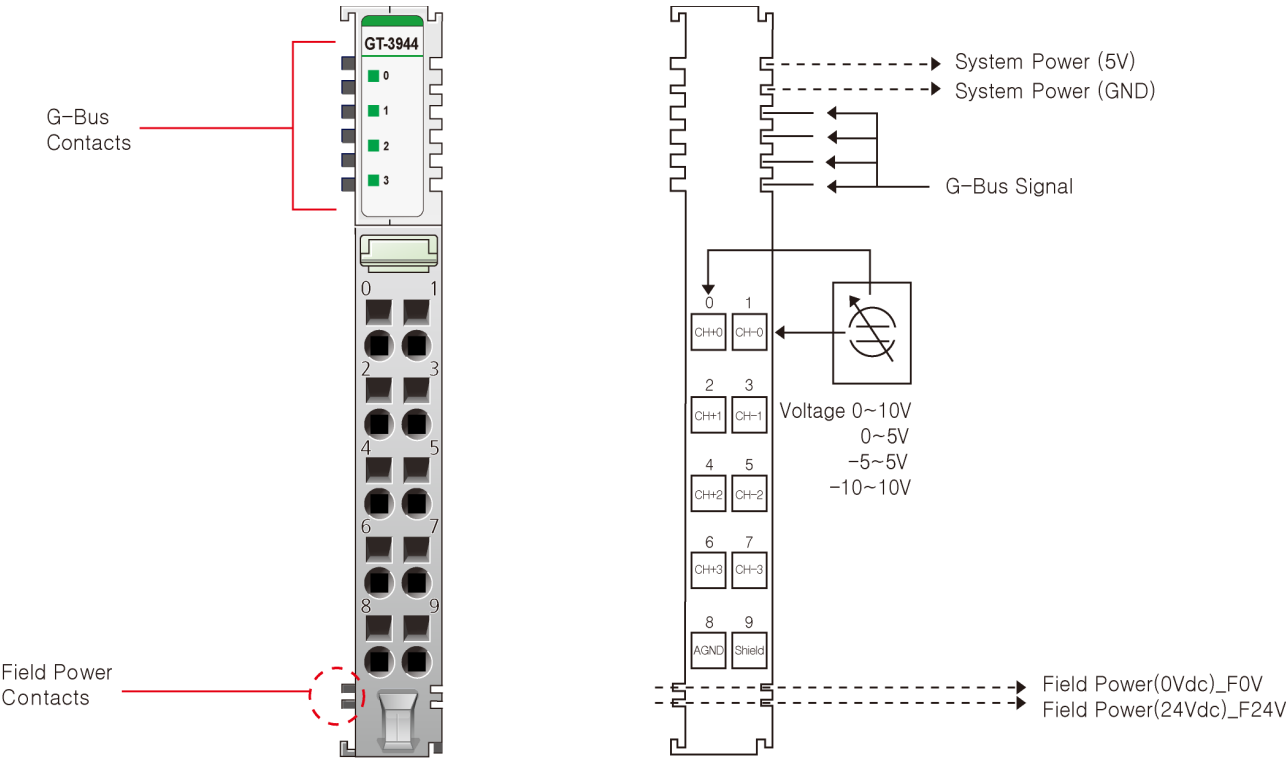
5. GT-3944 (4 Channels, Differential Voltage Input, 0~10Vdc / 0~5Vdc / -10~10Vdc / -5~5Vdc, 14bit/16bit)

5.1. GT-3944 Specification

Items	Specification
Input Specification	
Inputs Per Module	4 Channels Differential, non-isolated between channel
Indicators	4 Green Input Status
Resolution in Ranges*	14bits : 0.61mV/bit(0~10V) 14bits : 0.31mV/bit(0~5V) 14bits : 1.22mV/bit(-10~10V) 14bits : 0.61mV/bit(-5~5V) 16bit(Include Sign) 15 bits : 0.31mV/Bit(0~10V) 15 bits : 0.15mV/Bit(0~5V) 15bit(Include Sign) 15 bits : 0.61mV/Bit(-10~10V) 15 bits : 0.31mV/Bit(-5~5V)
Input Range	0~10Vdc, 0~5Vdc, -10~10Vdc, -5~5Vdc
Data Format	16bits Integer (2' compliment)
Module Error	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance	667kΩ
Diagnostic	Diagnostic Field Power Off : LED Blinking Field Power On : LED Off < 0.5% (Maximum Input Value) Field Power On : LED On > 0.5% (Maximum Input Value)
Conversion Time	1msec / All channel
Calibration	Not Required
Common Type	1 Common, Field Power 0V is Common(AGND)
General Specification	
Power Dissipation	Max. 35mA @ 5Vdc
Isolation	I/O to Logic : Photocoupler Isolation Field power : DC/DC Converter Isolation
UL Field Power	Supply Voltage : 24Vdc nominal, Class 2
Field Power	Supply Voltage : 24Vdc nominal Voltage Range : 18~30Vdc @ 60°C Power Dissipation : Max. 45mA@24Vdc
Wiring	I/O Cable Max. 2.0mm ² (AWG 14)
Weight	58g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to 'Environment Specification'

*Refer to 6. Parameter Data

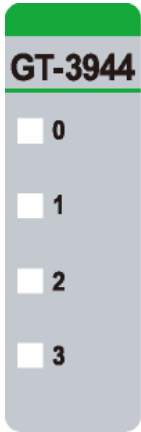
5.2. GT-3944 Wiring Diagram



Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0(+)	Input Channel 0(-)	1
2	Input Channel 1(+)	Input Channel 1(-)	3
4	Input Channel 2(+)	Input Channel 2(-)	5
6	Input Channel 3(+)	Input Channel 3(-)	7
8	Input Channel Common(AGND)	Shield	9

5.3. GT-3944 LED Indicator

5.3.1. LED Indicator



LED No.	LED Function / Description	LED Color
0	INPUT Channel 0	Green
1	INPUT Channel 1	Green
2	INPUT Channel 2	Green
3	INPUT Channel 3	Green

5.3.2. Channel Status LED

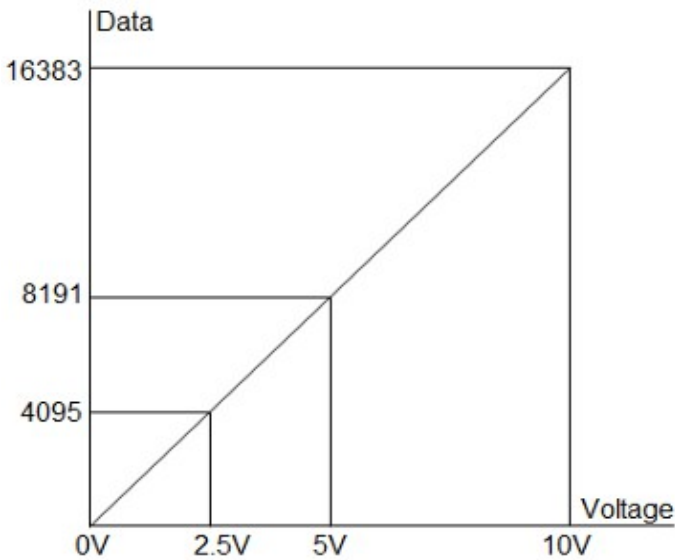
Status	LED	To indicate
Normal Operation	Off	< 0.5% (Maximum Input Value)
	Green	> 0.5% (Maximum Input Value)
Field Power Error	All Channel Repeat the Green and OFF	Field Power is unconnected

5.4. Data Value / Voltage

Voltage Range : 0~10V

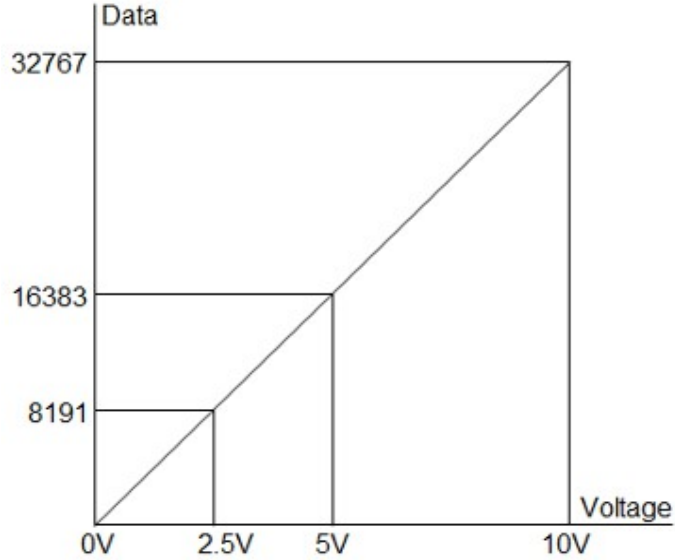
(14bit)

Voltage	0.0V	2.5V	5.0V	10.0V
Data(Hex)	H0000	H0FFF	H1FFF	H3FFF



(16bit)

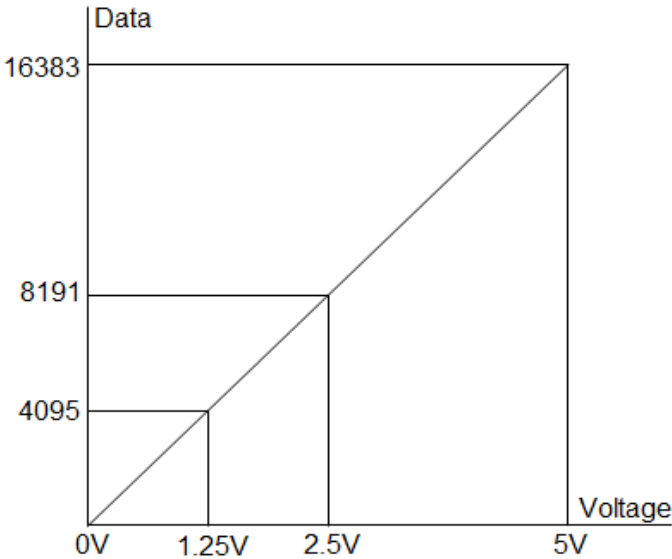
Voltage	0.0V	2.5V	5.0V	10.0V
Data(Hex)	H0000	H1FFF	H3FFF	H7FFF



Voltage Range : 0~5V

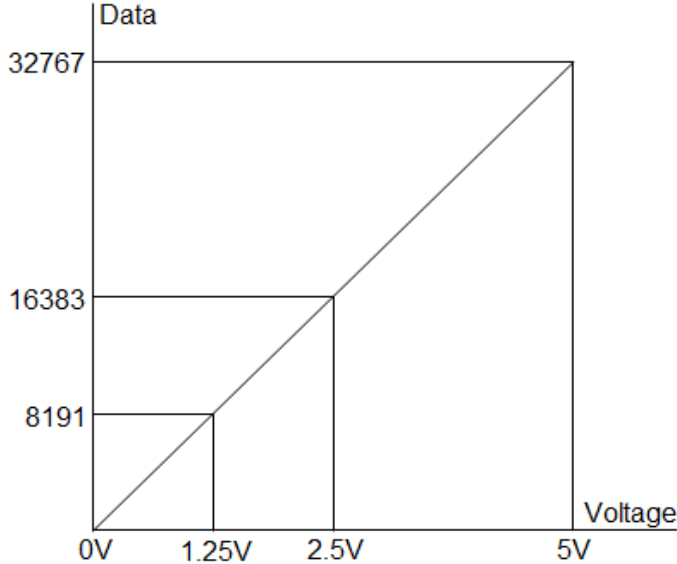
(14bit)

Voltage	0.0V	1.25V	2.5V	5.0V
Data(Hex)	H0000	H0FFF	H1FFF	H3FFF



(16bit)

Voltage	0.0V	1.25V	2.5V	5.0V
Data(Hex)	H0000	H1FFF	H3FFF	H7FFF

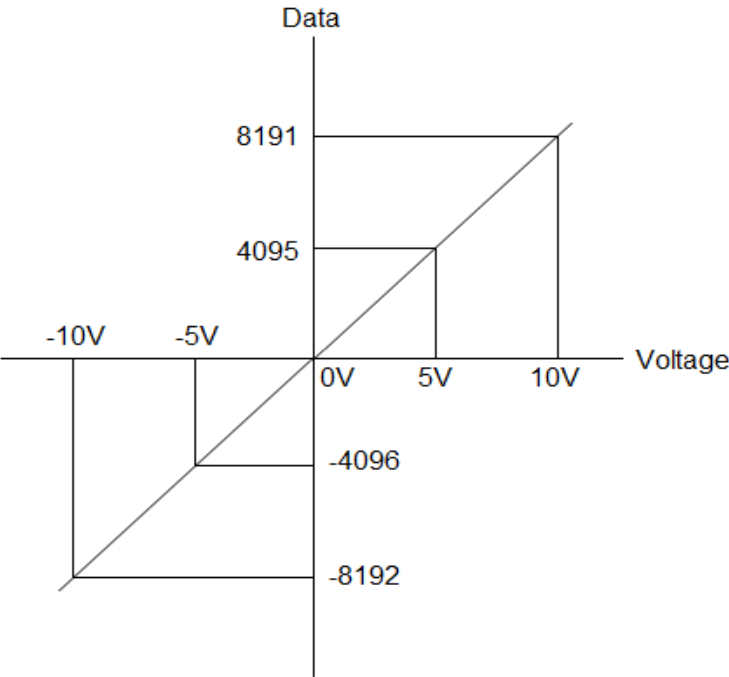


Specification

Voltage Range : -10~10V

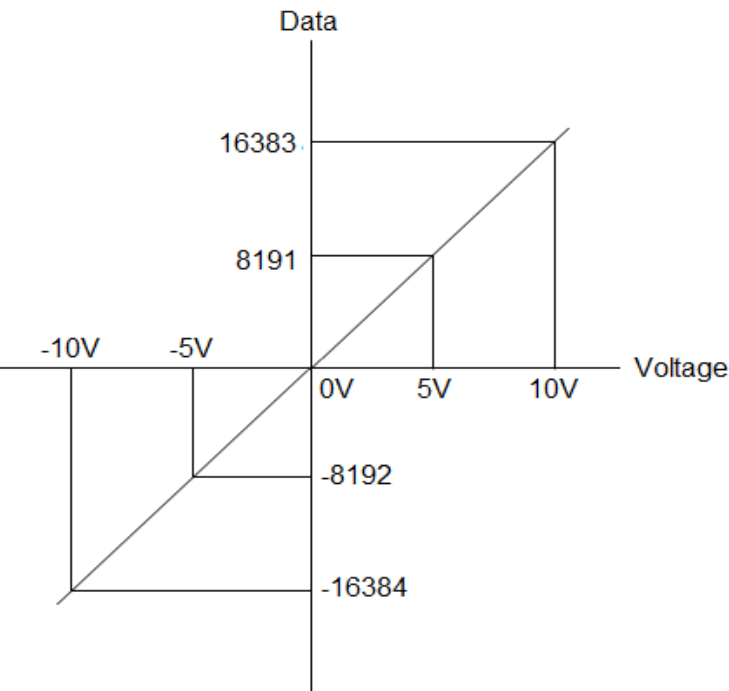
(14bit)

Voltage	-10.0V	-5.0V	0.0V	5.0V	10.0V
Data(Hex)	HE000	HF000	H0000	H0FFF	H1FFF



(16bit)

Voltage	-10.0V	-5.0V	0.0V	5.0V	10.0V
Data(Hex)	HC000	HE000	H0000	H1FFF	H3FFF

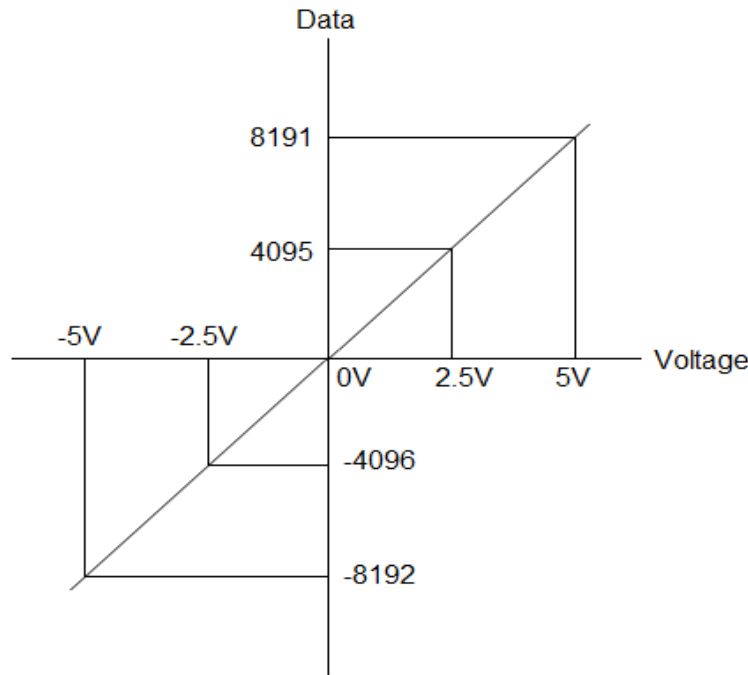


Specification

Voltage Range : -5~5V

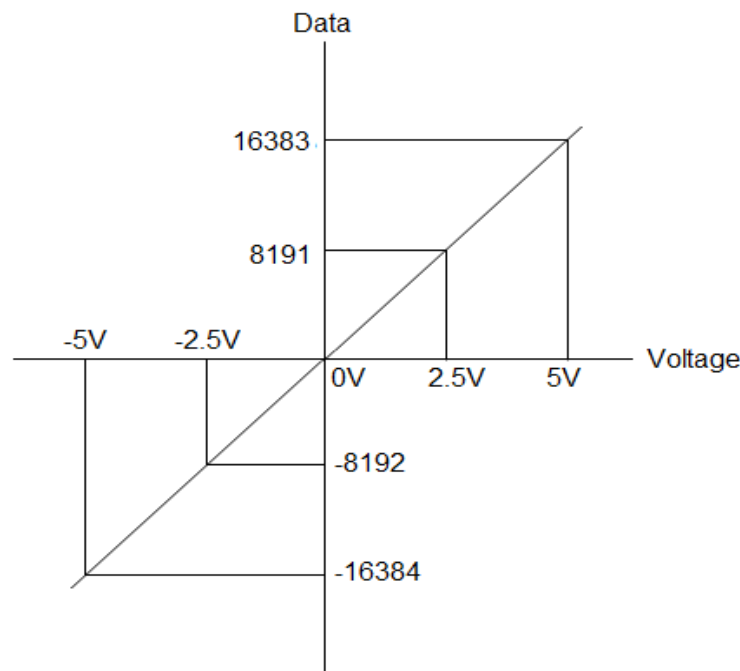
(14bit)

Voltage	-5.0V	-2.5V	0.0V	2.5V	5.0V
Data(Hex)	HE000	HF000	H0000	H0FFF	H1FFF



(16bit)

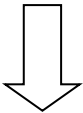
Voltage	-5.0V	-2.5V	0.0V	2.5V	5.0V
Data(Hex)	HC000	HE000	H0000	H1FFF	H3FFF



5.5. Mapping Data into the Image Table

● Input Module Data

	Analog Input Ch0
	Analog Input Ch1
	Analog Input Ch2
	Analog Input Ch3



● Input Image Value

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Analog Input Ch0 Low byte							
Byte1	Analog Input Ch0 High byte							
Byte2	Analog Input Ch1 Low byte							
Byte3	Analog Input Ch1 High byte							
Byte4	Analog Input Ch2 Low byte							
Byte5	Analog Input Ch2 High byte							
Byte6	Analog Input Ch3 Low byte							
Byte7	Analog Input Ch3 High byte							

6. Parameter Data

- Valid Parameter length : 6Bytes
- Parameter Data

6.1. GT-3914

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Ch#0 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte1	Ch#1 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte2	Ch#2 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte3	Ch#3 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte4	Filter Time(H00 : Default Filter(20), H01 : Fastest ~ H3E : Slowest)							
Byte5	Reserved							

6.2. GT-3924

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Ch#0 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte1	Ch#1 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte2	Ch#2 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte3	Ch#3 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte4	Filter Time(H00 : Default Filter(20), H01 : Fastest ~ H3E : Slowest)							
Byte5	Reserved							

6.3. GT-3934

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Ch#0 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte1	Ch#1 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte2	Ch#2 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte3	Ch#3 Command(H00 : 0~20mA, H01 : 4~20mA, H02 : -20~20mA)							
Byte4	Filter Time(H00 : Default Filter(20), H01 : Fastest ~ H3E : Slowest)							
Byte5	Resolution Selection*	Reserved						

6.4. GT-3944

Bit No	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Byte0	Ch#0 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte1	Ch#1 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte2	Ch#2 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte3	Ch#3 Command(H00 : 0~10V, H01 : 0~5V, H02 : -10~10V, H03 : -5~5V)							
Byte4	Filter Time(H00 : Default Filter(20), H01 : Fastest ~ H3E : Slowest)							
Byte5	Resolution Selection*	Reserved						

*Resolution Selection : Resolution for Module (0 : 16bit / 1 : 14bit) (Default (0) : 16bit)