



คุณสมบัติ

Amplifier unit that can perform calculations and CC-Link communication

- Up to two displacement sensors can be connected
- Features a clear organic EL display
- Can also display in Japanese

ข้อมูลทางเทคนิค

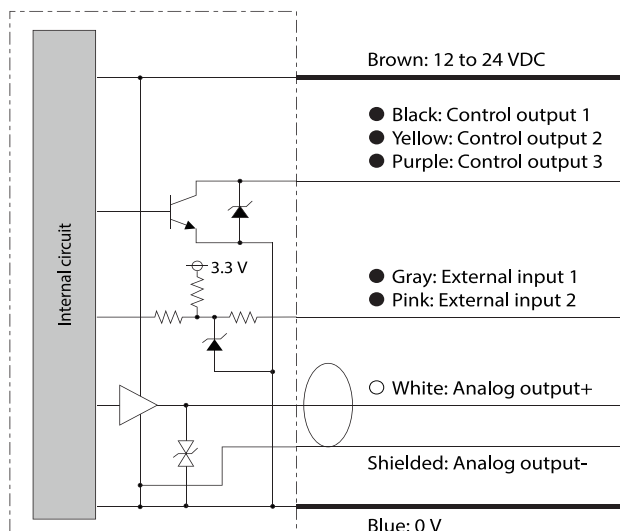
Model		Master		Slave
		CDA-M	CDA-DM	CDA-S
Mounting		35mm DIN rail		
Sensor head	Max. number	2 units		
	Connector	M8, 4 pin connector		
Display	X, Y Pixels	X=128, Y=96 pixels		
	Indicator	Power indicator: Red / Green, Output indicator: Orange		
Analog Output		Current type: 4~20mA, Max. load resistance: 300Ω Voltage type: 0~10V		
I/O	Ext. Input	2 inputs	—	2 inputs
	Control Output	3 NPN/PNP Open collector outputs, 30VDC 100mA Max. (Residual voltage 1.8V Max.)		
Communication I/F		RS-485 (Max. length 10m)		
Power supply		DC12~24V ± 10% (※)		
Current consumption		100mA Max./12VDC		
Protection circuit		Reverse connection protection		
Protection category		IP50		
Operating Temp/Humid.		-20 ~ 50°C / 35 ~ 85% RH without freezing or condensation		
Storage Temp/Humid.		-20 ~ 60°C / 35 ~ 85% RH without freezing or condensation		
Vibration resistance		10 ~ 55Hz, Double amplitude 1.5mm, X,Y,Z for 2 hours		
Shock resistance		500mm/s ² (approx. 50G), X,Y,Z 3 times each		
Material		PC		
Weight		170 g		

(※) Power supply of slave (CDA-S) is provided by master

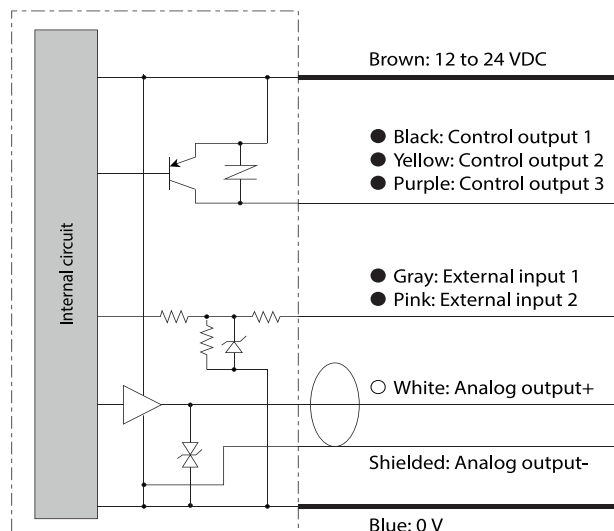
การต่อใช้งาน

I/O circuit diagram

■ With the NPN setting



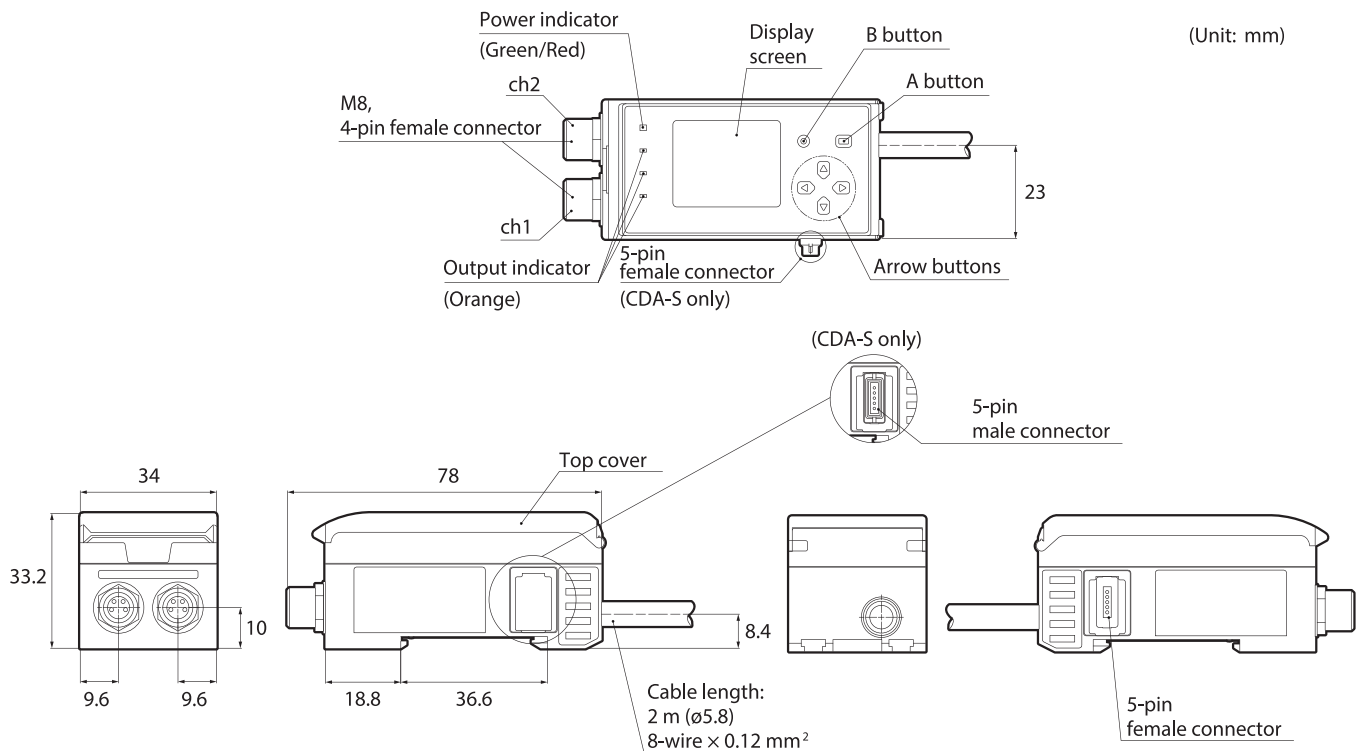
■ With the PNP setting



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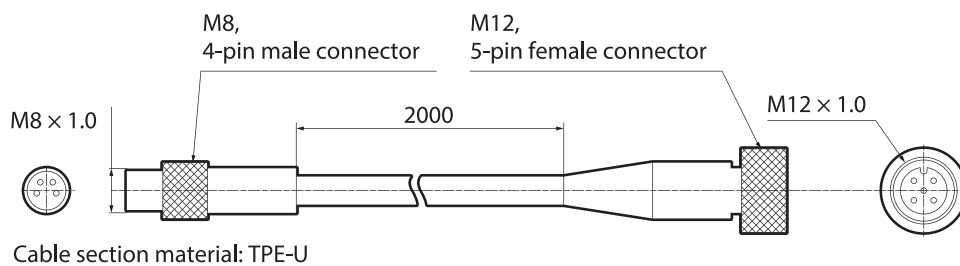
Amplifier unit

■ CDA-M / CDA-S



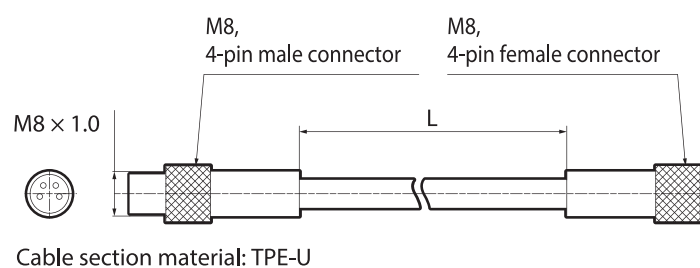
Displacement sensor/amplifier connection cable

■ DSL-1204-G02M



Extension cable

■ DSL-0804-G02M / DSL-0804-G05M

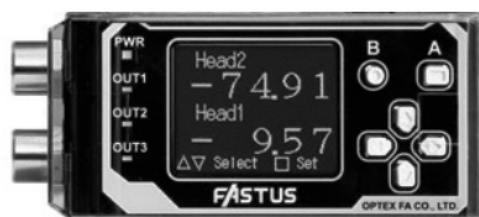
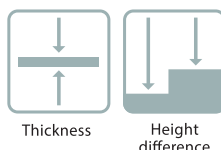


DSL-0804-G02M: L = 2000,
DSL-0804-G05M: L = 5000

Features

Calculation function

Up to two can be connected to the CDA series.
High-speed calculation of thickness and height differences can be performed with one amplifier unit.



CC-Link connection

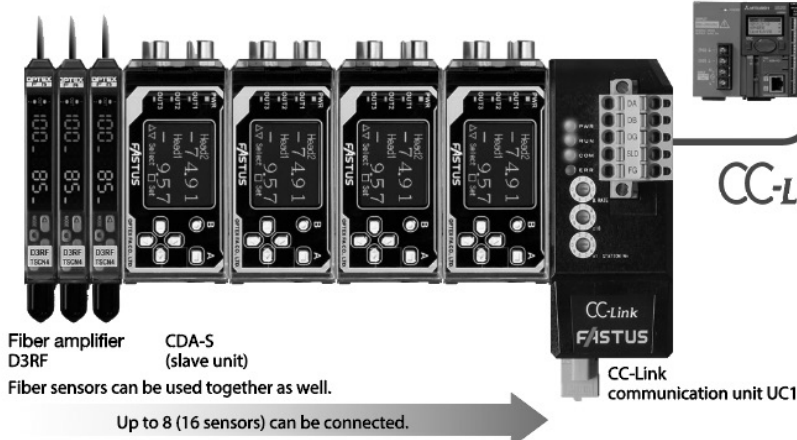
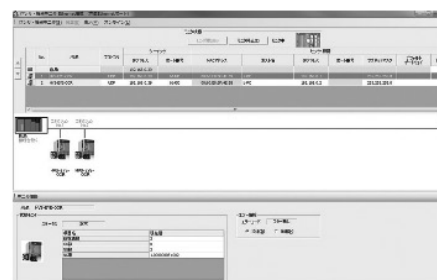
By connecting to UC1 series communication unit, CD22 series can be connected to CC-Link.

Monitoring of measurement values and remote monitoring of sensors can be performed easily.

Sensors can be operated through CC-Link communication using Mitsubishi Electric's GX Works2 which supports Mitsubishi iQ Sensor Solution (iQSS).

PLC

CC-Link



iQSS

- Model information and no. of connected units are detected automatically
- Reading, writing, monitoring and backing up of set sensor values is possible

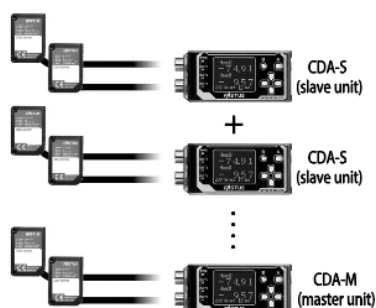
System configuration

CDA only

When using CDA as stand-alone



When CDA is linked

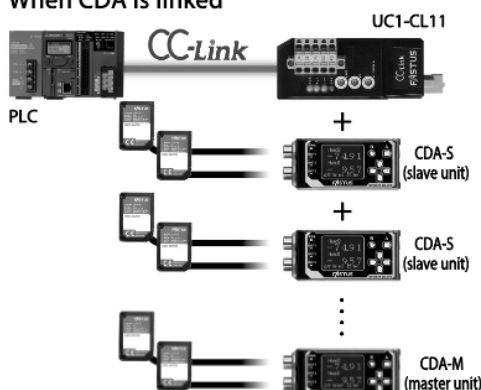


CDA+UC1 (Not for CDX)

When using CDA as stand-alone



When CDA is linked



CDA + UC1 + D3RF (Not for CDX)

