

SUS

sio
Simple input Output

OPTION CATALOG No.5

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Controller

SiO-C-G

INPUT 8 OUTPUT 8 I/O Interface Flat Cable



Item No. **XAC-034**

Capable to attach on GF
Input 8 pins / Output 8 pins

SiO-C-D

INPUT 8 OUTPUT 8 I/O Interface Flat Cable



Item No. **XAC-035**

Capable to attach on DIN Rail
Input 8 pins / Output 8 pins

SiO-C-P

INPUT 8 OUTPUT 8 I/O Interface Flat Cable



Item No. **XAC-036**

Mount with screws
Input 8 pins / Output 8 pins

SiO3.2 mini

INPUT 3 OUTPUT 2 I/O Interface e-CON



Item No. **XAC-057**

Capable to attach on DIN rail and GF
with minimum size and IO.point
Input 3 pins / Output 2 pins

SiO2 R2

INPUT 6 OUTPUT 4 I/O Interface e-CON



Item No. **XAC-067**

Capable to attach on DIN rail and GF
Input 6 pins / Output 4 pins

SiO-N1

INPUT 8 OUTPUT 8 I/O Interface e-CON



Item No. **XAC-052**

Capable to attach on DIN rail and GF
Input 8 pins / Output 8 pins

SiO-N3

INPUT 16 OUTPUT 16 I/O Interface e-CON



Item No. **XAC-062**

Capable to attach on DIN rail and GF
with maximum IO point
Input 16 pins / Output 16 pins

SiO-N3 PNP

INPUT 16 OUTPUT 16 I/O Interface e-CON



Item No. **XAC-063**

Capable to attach to DIN Rail and GF
with maximum IO point
Input 16 pins / Output 16 pins
PNP Type

Controller

SiO t

INPUT 4 OUTPUT 2 I/O Interface e-CON SIO Interface Ethernet



Item No. **XAC-061**

SiO with Ethernet interface for IoT use.
Input 4 pins / Output 2 pins

SiO t1

INPUT 8 OUTPUT 8 I/O Interface e-CON SIO Interface Ethernet



Item No. **XAC-064**

SiO with Ethernet interface for IoT use
Input 8 pins / Output 8 pins

SiO t3

INPUT 16 OUTPUT 16 I/O Interface e-CON SIO Interface Ethernet



Item No. **XAC-065**

SiO with Ethernet interface for IoT use
with maximum IO point
Input 16 pins / Output 16 pins

SiO t3 PNP

INPUT 16 OUTPUT 16 I/O Interface e-CON SIO Interface Ethernet



Item No. **XAC-066**

SiO with Ethernet interface for IoT use
with maximum IO point
Input 16 pins / Output 16 pins
PNP type

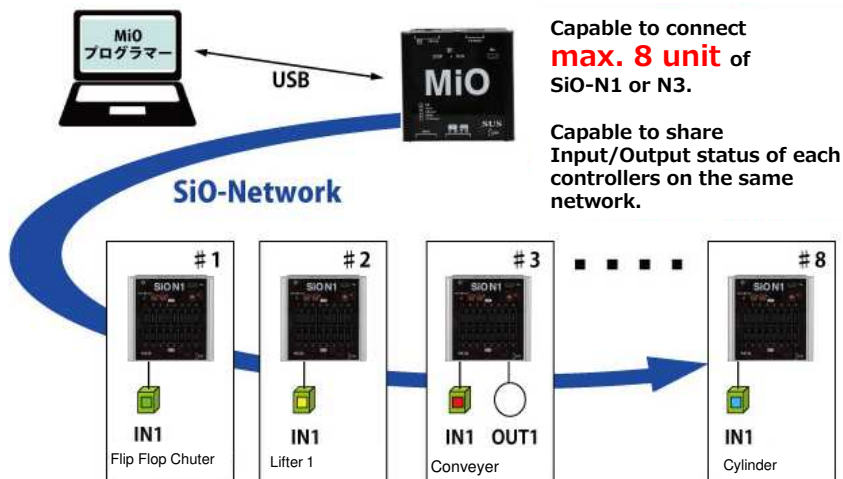
Controller

MiO



Item No. **XAC-056**

Master Controller of SiO network communication



Specific Options for MiO Controller

RS485 Communication Cable for MiO



Item No.	SUC-368
Details	Connect to the controller beside. Need the same quantity as the SiO controller on the network. Cable Length : 2m

RS485 Communication Extension Cable for MiO



Item No.	SUC-369
Details	Extend the RS485 communication Cable. Cable Length : 2m

RS485 Communication Cable Kit (20m)



Item No.	SUC-523
Details	20meters RS485 communication Cables of any length. The Kit contains materials for five Cables. ①Connector 10 pcs for Cable (SUC-517) ② Cable Length : 20m x1 (SUC-521) ③Shrink Tube Φ6 0.5m x1 ④Shrink Tube Φ1 0.5m x1

RS485 Communication Cable Kit (100m)



Item No.	SUC-658
Details	100meters RS485 communication Cables of any length. The Kit contains materials for five Cables. ①Connector 10 pcs for Cable (SUC-517) ② Cable Length : 100m x1 (SUC-522) ③Shrink Tube Φ6 0.5m x1 ④Shrink Tube Φ1 0.5m x1

MiO Touch Panel



Item No. **SUC-659**

By connecting to MiO, it can monitor the status of IO of each controllers on the SiO-Network and can be used as an operation panel.

The touch screen setting can be set with MiO TP Screen Selector (software).

MiO TP Screen Selector can be downloaded from SUS website for free.

How To Select SiO Controller

There is 5 types of number of IO and 12 types of controllers in total.

CE mark certified

I/O Pins	Input ※1	Output ※2	Ether	Power Supply Voltage	I/O System	Connection ※3	Attached to ※4	Type
5	3	2	No	DC24V ±10%	NPN	e-CON	GF	SiO3.2mini
6	4	2	Yes				GF/DIN Rail	SiOt
10	6	4	No					SiO2 R2
16	8	8				Flat Cable		GF
							DIN Rail	SIO-C-D
			Screwed				SIO-C-P	
32	16	16	No		e-CON	GF/DIN Rail	SIO-N1	
							Yes	SiOt1
								SIO-N3
			Yes					SiO-N3 PNP
							SiOt3	
							PNP	SiOt3 PNP

※1 All input circuits are 24VDC.

※2 All output circuits are 24VDC transistor output.

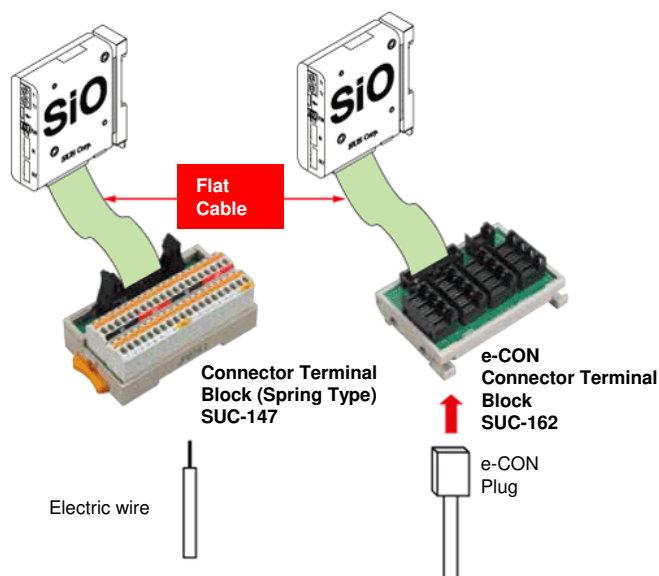
※3 Wiring methods are described in the next section "Differences in wiring methods".

※4 "GF" refers to our GF-N series aluminum frame structure material. A connector is required for mounting.

Differences in wiring methods

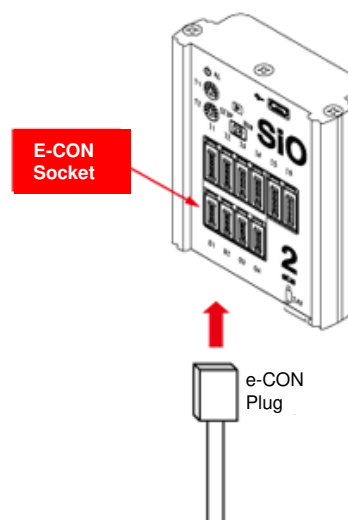
SiO-C-G / D / P

- Connect controller and terminal block with flat cable.
- Wire the weak current line on terminal block.
- To connect to the e-CON type terminal block, just simply plug the device with e-CON connector.
- Screw clamp type terminal board (SUC-119) are also available.



SiO3.2mini / SiO2 R2 / SiO-N1 / SiO-N3
SiO-N3 PNP / SiOt / SiOt1 / SiOt3 / SiOt3 PNP

To make the connection easily plug and play the device with e-CON connector



Input Device (Device→SiO)

Switch BOX 1 Switch with e-CON



Item No.	SUC-513
Details	Switch Box with 1 switch button Cable Length : 1m
IN:1	

Switch BOX 1 Switch (LED Button) with e-CON



Item No.	SUC-514
Details	Switch Box with 1 switch LED button Cable Length : 1m
IN:1 OUT:1	

Switch Box with e-CON (2 Pins)



Item No.	SUC-344
Details	Switch Box with 2 switch buttons Cable Length : 1m
IN:2	

Switch BOX 2 Switches (LED Button) with e-CON



Item No.	SUC-515
Details	Switch Box with 2 switch LED buttons Cable Length : 1m
IN:2 OUT:2	

AIO EMG Switch with e-CON



Item No.	SUC-220
Details	Emergency Switch Box. The signal is NC type and it becomes OFF when push the button. Cable Length : 1m
IN:1	

EMG Switch Box (LED Button) with e-CON



Item No.	SUC-516
Details	Emergency Switch Box with LED Button. The signal is NC type and it becomes OFF when push the button. Cable Length : 1m
IN:1 OUT:1	

Selector Switch φ16 with e-CON



Item No.	SUC-537
Details	2 Notches Selector Switch Box of φ16. Cable Length : 1m Set of stickers included
IN:2	

Selector Switch φ22 with e-CON



Item No.	SUC-538
Details	2 Notches Selector Switch Box of φ22. Cable Length : 1m Set of stickers included
IN:2	

Optical Sensor with e-CON



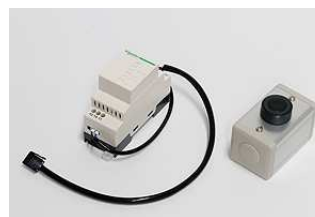
Item No.	SUC-773
Details	Convert light from lamps into SiO input signals. Cable Length : 3m Type : UNC-RPPS Maker : NKE
IN:1	

Touchless Switch with e-CON



Item No.	SUC-645
Details	It can be turned on simply by placing your hand near it without touching. Detection Distance MAX : 500mm Output : Orange Light On Standby : Green Light On / Blue Light On / Lights Off Cable Length : 2m Type : DHS-1 Maker : TAKENAKA ENGINEERING
IN:1	

Wireless Switch with e-CON



Item No.	SUC-375
Details	This is a set of Switch and Receiver with wireless and battery-less . In a non-obstacle area, the signal can reach up to 100 meters. No need to change the batteries in the switch box because it is battery-less. Type : XB5RFB01 Maker : Schneider Electric
IN:1	

Relay Antenna



Item No.	SUC-409
Details	Used to divert radio waves or extend the distance from wireless switches. Type: ZBRA1 Maker: Schneider Electric ※No connection to SiO Cable Length : 2.8m Power Supply : AC100V

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Input Device(Device→SiO)

**Thumb Rotary Switch
with e-CON**



Item No.	SUC-638
Details	Convert a single-digit hexadecimal number into a 4-bit binary number. Cable Length : 2m Type : A7BS-254 Maker : Omron
	IN:4

Time Switch with e-CON



Item No.	SUC-650
Details	Able to set the time to turn it on and off during a week. Type : H5S-WA2D Maker : Omron Cable Length : 2m
	IN:2

**Temperature Controller with
e-CON**



Item No.	SUC-473
Details	It outputs a signal when the temperature reaches the set point. Type : E5CC-RX0DSM-000 Maker : Omron Cable Length : 0.3m ※ Thermocouples are not included.
	IN:1

**Photoelectric Sensor
(Transmission Type)
with e-CON**



Item No.	SUC-196
Details	Cable Length : 2m Detection Distance : 0.6m Type : PR-F51N3 Maker : Keyence
	IN:1

**Photoelectric Sensor
(E3T-FT12) with e-CON**



Item No.	SUC-393
Details	Cable Length : 2m Detection Distance : 0.5m Type : E3T-FT12 2M Maker : Omron
	IN:1

**Photoelectric Sensor
(PZ-G51N) with GF-N Angle
bracket.**



Item No.	SUC-752
Details	Cable Length : 2m Detection Distance : 20m Type : PZ-G51N Maker : Keyence SUS Sensor Bracket Angle Type (GF-N Grip)
	IN:1

**Photoelectric Sensor
(PZ-G51N) with GF-S Angle
bracket**



Item No.	SUC-562
Details	Cable Length : 2m Detection Distance : 20m Type : PZ-G51N Maker : Keyence SUS Sensor Bracket Angle Type (GF-S Grip)
	IN:1

**Photoelectric Sensor
with GF-S Flat type Bracket**



Item No.	SUC-563
Details	Cable Length : 2m Detection Distance : 20m Type : PZ-G51N Maker : Keyence SUS Sensor Bracket Flat Type (GF-S Grip)
	IN:1

**Photo electric Sensor
with e-CON(PZ-G51N)**



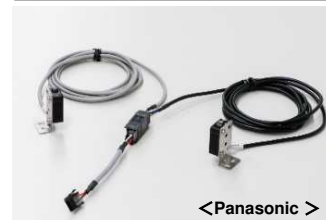
Item No.	SUC-277
Details	Cable Length : 2m Detection Distance : 20m Type : PZ-G51N Maker : Keyence
	IN:1

**Photoelectric Sensor
(E3Z-T61)with e-CON**



Item No.	SUC-394
Details	Cable Length : 2m Detection Distance : 15m Type : E3Z-T61 2M Maker : Omron
	IN:1

**Photoelectric Sensor
(CX-412)with e-CON**



Item No.	SUC-557
Details	Cable Length : 2m Detection Distance : 15m Type : CX-412 Maker : Panasonic Devices SUNX
	IN:1

**Photoelectric Sensor (PZ-
M11) GF-N Angle Bracket
with e-CON**



Item No.	SUC-751
Details	Cable Length : 2m Detection Distance : 0.1m Type : PZ-M11 Maker : Keyence SUS Sensor Bracket Angle Type (GF-N Grip)
	IN:1

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Input Device(Device→SiO)

**Photoelectric Sensor
(Reflective Type)
With GF-S Angle Bracket**



Item No.	SUC-560
Details	Cable Length : 2m Detection Distance : 0.1m Type : PZ-M11 Maker : Keyence SUS Sensor Bracket Angle Type (GF-S Grip)
	IN:1

**Photoelectric Sensor
(Reflective Type)
with GF-S Flat Bracket**



Item No.	SUC-561
Details	Cable Length : 2m Detection Distance : 0.1m Type : PZ-M11 Maker : Keyence SUS Sensor Bracket Flat Type (GF-S Grip)
	IN:1

**Photoelectric Sensor
(Reflective Type)
with e-CON**



Item No.	SUC-195
Details	Cable Length : 2m Detection Distance : 0.1m Type : PZ-M11 Maker : Keyence
	IN:1

Photoelectric Sensor (E3Z-LS61) with e-CON



Item No.	SUC-392
Details	Cable Length : 2m Detection Distance : 0.2m Type : E3Z-LS61 2M Maker : Omron
	IN:1

**Photoelectric Sensor
(CX-424) with e-CON**



Item No.	SUC-556
Details	Cable Length : 2m Detection Distance : 0.1m Type : CX-424 Maker : Panasonic Devices SUNX
	IN:1

**Proximity Sensor
with e-CON**



Item No.	SUC-194
Details	Cable Length : 2m Detection Distance : 5mm Type : EZ-18T Maker : Keyence
	IN:1

**Proximity Sensor
(TW-W5MC1) with e-CON**



Item No.	SUC-391
Details	Cable Length : 2m Detection Distance : 5mm Type : TL-W5MC1 2M Maker : Omron
	IN:1

**Proximity Sensor M8
with e-CON E2E-X2MC18 2M**



Item No.	SUC-806
Details	Cable Length : 2m Detection Distance : 20m Type : PZ-G51N Maker : OMRON
	IN:1

**Proximity Sensor M12
(E2E-X5ME1) 2M with e-CON**



Item No.	SUC-486
Details	Cable Length : 2m Detection Distance : 5mm Type : E2E-X5ME1 2M Maker : Omron
	IN:1

**Auto Switch
with e-CON (D-A93L)**



Item No.	SUC-316
Details	Cable Length : 3m Type : D-A93L Maker : SMC
	IN:1

**Flexible Rod Switch B
(Angle N) with e-CON**



Item No.	SUC-754
Details	Cable Length : 2m Type : HL-5300 Maker : Omron With Bracket for SUS Flexible Rod Switch (GF-N Grip)
	IN:1

**Flexible Rod Switch B
with e-CON**



Item No.	SUC-201
Details	Cable Length : 2m Type : HL-5300 Maker : Omron
	IN:1

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Input Device(Device→SiO)

Flexible Rod Switch A with e-CON



Item No.	SUC-200
Details	Cable Length : 2m Type : TP70-1A1 Maker : Omron
	IN:1

Foot Switch with e-CON



Item No.	SUC-615
Details	This is a switch that turns on only when you step on it. Cable Length : 1m Type : SFVS-1 Maker : KOKUSAI DENGYO
	IN:1

Limit Switch (Angle N) with e-CON



Item No.	SUC-756
Details	Cable Length : 2m Type : D4MC-2000 Maker : Omron With Bracket for SUS Limit Switch (GF-N Grip)
	IN:1

Limit Switch with e-CON



Item No.	SUC-193
Details	Cable Length : 2m Type : D4MC-2000 Maker : Omron
	IN:1

Limit Switch with e-CON (Non Roller)



Item No.	SUC-341
Details	Cable Length : 2m Type : D4MC-1000 Maker : Omron
	IN:1

Photoelectric Sensor (PZ-G61N) with GF-N Angle Bracket. e-CON type



Item No.	SUC-753
Details	Cable Length : 2m Detection Distance : 4.2m Type : PZ-G61N Maker : Keyence SUS Sensor Bracket Angle Type (GF-N Grip)
	IN:1

Photoelectric Sensor (Regression Reflective Type) with GF-S Angle Bracket



Item No.	SUC-564
Details	Cable Length : 2m Detection Distance : 4.2m Type : PZ-G61N Maker : Keyence SUS Sensor Bracket Angle Type (GF-S Grip)
	IN:1

Photoelectric Sensor (Regression Reflective Type) with GF-S Flat Bracket



Item No.	SUC-565
Details	Cable Length : 2m Detection Distance : 4.2m Type : PZ-G61N Maker : Keyence SUS Sensor Bracket Flat Type (GF-S Grip)
	IN:1

Photoelectric Sensor (PZ-G61N) with e-CON



Item No.	SUC-550
Details	Cable Length : 2m Detection Distance : 4.2m Type : PZ-G61N Maker : Keyence
	IN:1

Photoelectric Sensor (E3Z-R61)with e-CON



Item No.	SUC-553
Details	Cable Length : 2m Detection Distance : 3.5m Type : E3Z-R61 Maker : Omron
	IN:1

Photoelectric Sensor (CX-493)with e-CON



Item No.	SUC-558
Details	Cable Length : 2m Detection Distance : 5m Type : CX-493 Maker : Panasonic Devices SUNX
	IN:1

Color Sensor with e-CON



Item No.	SUC-643
Details	Cable Length : 2m Detection Distance : 10mm Type : LX-101 Maker : Panasonic Devices SUNX
	IN:1

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Input Device(Device→SiO)

Heavy-duty Photoelectric Sensor with e-CON



<Keyence>

Ultrasonic Sensor with e-CON



<Keyence>

Picking Sensor (70mm) with e-CON



Picking Sensor with GF-N Angle bracket. e-CON type



Item No.	SUC-670
Details	Cable Length : 2m Detection Distance : 20m Type : PX-H71G (Sensor Head) PX-10 (Amplifier Unit) Maker : Keyence Water and Oil Proof type
IN:1	

Item No.	SUC-666
Details	Cable Length : 2m Detection Distance : 150-700mm Type : FW-H07 (Sensor Head) FW-V20 (Digital Amplifier) Maker : Keyence
IN:1	

Item No.	SUC-540
Details	Small sensor mainly used for picking operations. Cable Length : 2m Detection Distance : 0.3m Type : NA1-PK3 Maker : Panasonic Devices SUNX
IN:1	OUT:2

Item No.	SUC-755
Details	Cable Length : 2m Detection Distance : 1.2m Type : NA1-PK5 Maker : Panasonic Devices SUNX With Bracket for SUS Picking Sensor (GF-N Grip)
IN:1	OUT:2

Picking Sensor (NA1 Bracket) with e-CON



Picking Sensor (NA2 bracket) with e-CON



I/O Catcher with e-CON



Human detecting Sensor with e-CON



Item No.	SUC-525
Details	Small picking sensor mainly used for picking operations. Cable Length : 2m Detection Distance : 1.2m Type : NA1-PK5 Maker : Panasonic Devices SUNX
IN:1	OUT:2

Item No.	SUC-530
Details	Small Sensor mainly used for picking operations. Cable Length : 2m Detection Distance : 1.2m Type : NA1-PK5 Maker : Panasonic Devices SUNX
IN:1	OUT:2

Item No.	SUC-696
Details	It is a sensor that can output ON/OFF IO status by clamping the wire of the devices. Cable Length : 1.9m Type : SE-CS001A Maker : INABA DENKI SANGYO
IN:1	

Item No.	SUC-678
Details	When it detects human, it outputs a signal. Cable Length : 2m Detection range (approx.): 3m square at 3m distance Type : PY2-S Maker : Sensatec
IN:1	

Input Cable for Power Unit (with Brake), Electric Stopper, Electric Winch with e-CON

Input Cable for Power Unit with e-CON (2m)



Item No.	SUC-192
Details	By connecting to power unit, it detects the forward and backward ends. Cable Length : 2m
IN:2	

Item No.	SUC-198
Details	By connecting to electric devices, it detects the forward and backward ends. Cable Length : 2m
IN:2	

Output Device (SiO→ Device)

Total Counter with e-CON



Item No.	SUC-378
Details	Display the signal count from SiO. Cable Length : 2m Type: H7EC-N Maker : Omron
	OUT:2

Time counter with e-CON (Hours display)



Item No.	SUC-636
Details	The signal from SiO is displayed in total. 0.0h~999999.9h/ 0.0h~3999d23.9h (Switchable) Cable Length : 2m Type: H7ET-N Maker : Omron
	OUT:2

Time counter with e-CON (Hours, Minutes and Seconds display)



Item No.	SUC-637
Details	The signal from SiO is displayed in total. 0s~999h59min59s/ 0.0min~999h59.9min (Switchable) Cable Length : 2m Type: H7ET-N1 Maker : Omron
	OUT:2

Choco Tei Watcher with e-CON (Short time break down watcher)



Item No.	SUC-698
Details	Triggered recording enables to go back in time before a problem occurs. The LCD screen allows for simple playback on the spot. Cable Length : 2m Type: IB-ECT002 Maker : INABA DENKI SANGYO
	OUT:1

Choco Tei Watcher mini with e-CON (Short time break down watcher)



Item No.	SUC-767
Details	Triggered recording enables to go back in time before a problem occurs, and the ether port enables to check the network. Come with Ethernet Port. Cable Length : 2m Type: IB-MCT001 Maker : INABA DENKI SANGYO
	OUT:1

Voice Player with e-CON



Item No.	SUC-280
Details	4 patterns of audio data (MP3) can be played. Cable Length : 3m Type: BSV-24N-D Maker : PATLITE
	OUT:4

Relay 1C with e-CON



Item No.	SUC-315
Details	Relay with 1c- contact. Type: G2R-1-SND Maker : Omron 7.5A 250V AC (Inductive load) 5A 30V DC (Inductive load) Operation indicator light / With surge absorbing diode
	OUT:1

Relay 1a x 4



Item No.	SUC-339
Details	4 built-in relays with 1a-contacts. Type: PCRY-4M1N Maker : TOYOGIKEN 5A 250V AC (Inductive load) 5A 30V DC (Inductive load) Operation indicator light / With surge absorbing diode
	OUT:4

7 Color LED Signal Light with e-CON



Item No.	SUC-689
Details	7 color LED lamp by the combination of the 3 output signals. Cable Length : 3m Type: Q22Y5SZRGB24E-CA Maker : IDEC
	OUT:3

Multi-Color lamp with e-CON



Item No.	SUC-613
Details	7 color LED lamp by the combination of the 3 output signals. Cable Length : 2m Type: NE-M1ANN-M Maker : PATLITE
	OUT:3

Multi-Color Lamp, Buzzer with e-CON



Item No.	SUC-614
Details	7 color LED lamp by the combination of the 3 output signals. With buzzer (88dB) Cable Length : 2m Type: NE-M1ANB-M Maker : PATLITE
	OUT:4

Lamp 5 Colors (Red/Yellow/Green/Blue/White)



Item No.	SUC-533
Details	5 Colors Lamp of Φ40 Cable Length : 1m Type: LOUT-24-5RYGBW Maker : Schneider Electric ※The color sequence can be rearranged by the customer.
	OUT:5

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Output Device (SiO→ Device)

**Lamp 3 Colors
(Red/Yellow/Green)
with buzzer**



Item No.	SUC-425
Details	3 Colors Lamp Φ40 with Buzzer. Cable Length : 1m Type: LOUTB-24-3RYG Maker: Schneider Electric ※The color sequence can be rearranged by the customer
	OUT:4

**Lamp 3 Colors
(Red/Yellow/Green)**



Item No.	SUC-317
Details	3 Colors Lamp Φ40 Cable Length : 1m Type: LOUT-24-3RYG Maker: Schneider Electric ※The color sequence can be rearranged by the customer.
	OUT:3

Lamp with e-CON (Blue)



Item No.	SUC-288
Details	Lamp Φ40 Blue Cable Length : 1m Type: LOUT-24-1B Maker: Schneider Electric
	OUT:1

Lamp with e-CON (Yellow)



Item No.	SUC-289
Details	Lamp Φ40 Yellow Cable Length : 1m Type: LOUT-24-1Y Maker: Schneider Electric
	OUT:1

Lamp with e-CON (Green)



Item No.	SUC-290
Details	Lamp Φ40 Green Cable Length : 1m Type: LOUT-24-1G Maker: Schneider Electric
	OUT:1

Lamp with e-CON (Red)



Item No.	SUC-199
Details	Lamp Φ40 Red Cable Length : 1m Type: LOUT-24-1R Maker: Schneider Electric
	OUT:1

**Lamp 5 Colors φ25
(Red/Yellow/Green/Blue/White)**



Item No.	SUC-534
Details	5 Colors Lamp Φ25 Cable Length : 0.4m Type: MES-502A-RYGB Maker: PATLITE ※The color sequence can be rearranged by the customer.
	OUT:5

**Lamp 3 Colors φ25
(Red/Yellow/Green)**



Item No.	SUC-437
Details	3 Colors Lamp Φ25 Cable Length : 0.4m Type: MES-302A-RYG Maker: PATLITE ※The color sequence can be rearranged by the customer.
	OUT:3

**Lamp with e-CON φ25
(Blue)**



Item No.	SUC-436
Details	Lamp Φ25 Blue Cable Length : 0.4m Type: MES-102A-B Maker: PATLITE
	OUT:1

**Lamp with e-CON φ25
(Yellow)**



Item No.	SUC-435
Details	Lamp Φ25 Yellow Cable Length : 0.4m Type: MES-102A-Y Maker: PATLITE
	OUT:1

**Lamp with e-CON φ25
(Green)**



Item No.	SUC-433
Details	Lamp Φ25 Green Cable Length : 0.4m Type: MES-102A-G Maker: PATLITE
	OUT:1

Lamp with e-CON φ25 (Red)



Item No.	SUC-434
Details	Lamp Φ25 Red Cable Length : 0.4m Type: MES-102A-R Maker: PATLITE
	OUT:1

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Output Device(SiO→ Device)

**Rotating Warning Lamp
(e-CON) Blue LRSC**



Item No.	SUC-547
Details	Rotating Warning Lamp Φ106 Blue Cable Length : 5m Type: LRSC-24B-A Maker: Schneider Electric
	OUT:1

**Rotating Warning Lamp
(e-CON) Yellow LRSC**



Item No.	SUC-548
Details	Rotating Warning Lamp Φ106 Yellow Cable Length : 5m Type: LRSC-24Y-A Maker: Schneider Electric
	OUT:1

**Rotating Warning Lamp
(e-CON) Green LRSC**



Item No.	SUC-546
Details	Rotating Warning Lamp Φ106 Green Cable Length : 5m Type: LRSC-24G-A Maker: Schneider Electric
	OUT:1

**Rotating Warning Lamp
(e-CON) Red LRSC**



Item No.	SUC-545
Details	Rotating Warning Lamp Φ106 Red Cable Length : 5m Type: LRSC-24R-A Maker: Schneider Electric
	OUT:1

Buzzer with e-CON



Item No.	SUC-206
Details	Sound Pressure(at 1m): 75dB Continuous sound only Cable Length : 1m Type: UZ6-12 Maker: IDEC
	OUT:1

**Single Solenoid Valve with
e-CON**



Item No.	SUC-510
Details	A set of solenoid valve (single solenoid) and Cable. ①Solenoid Valve Maker: SMC SY-3120-SMOZ-C6 × 1 ②SMC Solenoid Valve Cable SUC-202 × 1
	OUT:1

**Double Solenoid Valve with
e-CON**



Item No.	SUC-511
Details	A set of solenoid valve (double solenoid) and Cable x2. ①Solenoid Valve Maker: SMC SY-3220-SMOZ-C6 × 1 ②SMC Solenoid Valve Cable SUC-202 × 2
	OUT:2

**Solenoid Valve Cable with
e-CON (Cable only)**



Item No.	SUC-202
Details	SMC SY series Cable for solenoid valve control. Use for solenoid valves with power consumption of 2.4W or less. Cable Length : 1m ※Solenoid valve is not included.
	OUT:1

**Electronic Counter
with e-CON**



Item No.	SUC-470
Details	The signal from SiO is used to display addition and subtraction. The signal is output when the set value is reached. Cable Length : 0.3m Type: H7CX-A11SD1-N Maker: Omron
	IN:1 OUT:3

**E-mail Transmitter
(Ether Type) with e-CON**



Item No.	SUC-771
Details	Able to send an email with a signal from SiO. Customer must provide their own internet environment. Cable Length : 0.2m Type: UNC-RP06 Maker: NKE
	OUT:2

**E-mail Transmitter
(Wi-Fi Type) with e-CON**



Item No.	SUC-770
Details	Able to send an email with a signal from SiO. Customer must provide their own internet environment. Cable Length : 0.2m Type: UNC-WRP06 Maker: NKE
	OUT:2

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Output Device (SiO→ Device)

Loud Alarm with e-CON



Output Cable for Power Unit,
Electric Winch, GF Conveyor
with e-CON(2m)



Output Cable for Electric
Stopper with e-CON



Output Cable for
i Conveyor with e-CON



Item No.	SUC-605	Item No.	SUC-191	Item No.	SUC-197	Item No.	SUC-487
Details	High volume of up to 110dB. Can make 15 types of sounds. Cable Length : 5m Type: EHS-M1TA Maker: PATLITE	Details	By connecting to electric devices, it outputs the forward and backward ends. Cable Length : 2m	Details	By connecting to electric devices, it outputs the forward and backward ends. Cable Length : 2m	Details	Outputs an operation command to the i-conveyor. Cable Length : 2m
OUT:4		OUT:2		OUT:2		OUT:2	

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Electric Actuators

Power Unit Rod Type

XAK-P01, XAK-P02, XAK-P03, XAK-P04, XAP-P05, XAK-P06



Stroke
Max
0.3m

Load Capacity
Vertical Max
10kg

Line up
6 Types

Power Unit Slider Type PU42L

XAK-P45, XAK-P46, XAK-P47



Stroke
Max
0.38m

Load Capacity
Vertical Max
10kg

Line up
3 Types

Power Unit Slider Type PU50L

XAK-P07, XAK-P08, XAK-P09



Stroke
Max
0.58m

Load Capacity
Vertical Max
12kg

Line up
3 Types

Power Unit PU50L with Brake

XAK-P10, XAK-P11, XAK-P12



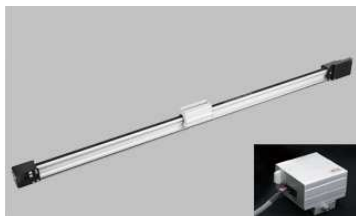
Stroke
Max
0.58m

Load Capacity
Vertical Max
12kg

Line up
3 Types

Power Unit Belt Type PU-BL

XAK-P48, XAK-P49, XAK-P50



Stroke
Max
3.5m

Load Capacity
Horizontal
Transport Max
4kg

Line up
6 Types

Power Unit Rack & Pinion Type PU-RP



Stroke
Max
2m

Load Capacity
Horizontal
Transport Max
3.5 kg

Line Up
32 Types

With
Brake

※Cannot be used in vertical direction.

Walking Slider (Incremental slide)

XEM-020, XEM-021, XEM-022, XEM-023, XEM-024, XEM-025



Stroke
Max
1.1m

Horizontal
Transport

Line up
6 Types

Capable of
Extension

Elevator Unit



Stroke
Max
3m

Load Capacity
Horizontal
Transport Max
20 kg

Line up
3 Types

Easy
Attachment

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Electric Actuators

Electric Winch II
XAK-S219, XAK-S223



Load Capacity
Horizontal
Transport Max
15kg

Line up
2 Types

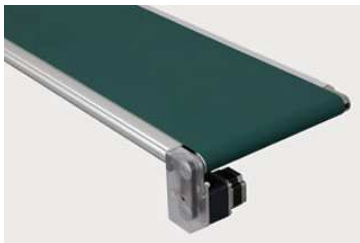
Electric Stopper
XAK-S050



Stroke
Max
40mm

Easy
Attachment

GF Conveyor



Max
2m

Operation
6 Types

Line up
48 Types

Load
Capacity
30kg

iConveyor



Max
2m

Operation
3 Types

Line up
104 Types

Load
Capacity
1.8kg

Starter Roller
XEM-030



Horizontal
Transport

Load
Capacity
10kg

Height
Adjustable

Suitable for
All Corocon

Starter Roller W200R 200mm
XEM-031



Horizontal
Transport

Load
Capacity
Max 10kg

Height
Adjustable

Suitable for
All Corocon

Starter Roller W300R 300mm
XEM-032



Horizontal
Transport

Load
Capacity
Max 10kg

Height
Adjustable

Suitable for
All Corocon

Starter Roller Power U
XEM-041



Horizontal
Transport

Load
Capacity
Max 30kg

Height
Adjustable

Suitable for
All Corocon

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Electric Item

Starter Roller PowerW200U 200mm XEM-046



Horizontal
Transport

Load
Capacity
30kg

Height
Adjustable

Suitable for
All Corocon

Electric Flip Flop table XEM-001, XEM-002, XEM-003, XEM-004



with SiO
model
Available

Line up
4 Types

Width
Adjustable

Easy
Attachment

90 Degree Turn table Module XEM-011, XEM-012, XEM-013



With
SiO

Line up
3 Types

Width
Adjustable

Easy
Attachment

DC24V Power Supply unit

24PS Series CBR-205C, CBR-210C, CBR-215C



Output
2.1-6.3A

Output Port
6

Available
Bracket
Attachment
Option

Line up
3 Types

Power Supply Box (PS6-100) XAK-S082



Output
4A

Output Port
6

Available
Emergency
Stop Switch
Option

Switching AC Adapter AKA-24016



Item No.	XAP-B229
Details	24V : 1.6A Cable Length : 3m

Cables ▪ Others

Extension Input Cable with e-CON 2m/5m/10m



Item No.	SUC-210	SUC-608	SUC-609
Length	2m	5m	10m
Details	Used to extend the Cable for input.		

Extension Output Cable with e-CON 2m/5m/10m



Item No.	SUC-209	SUC-606	SUC-607
Length	2m	5m	10m
Details	Used to extend the Cable for output.		

Standard Cable Kit for Input



Item No.	SUC-475
Details	10meters input extension cable of any length. ① Input Connector (4 Pin) 5pcs/pack (SUC-327) ② e-CON for input 2206 (5pcs)(SUC-464) ③ 3-Core Cable 10mx1 (SUC-479) ④ Shrink Tube 0.5m x1

Standard Cable Kit for Output



Item No.	SUC-476
Details	10meters output extension cable of any length. ① Output Connector (3 Pin) 5pcs/pack(SUC-336) ② e-CON for output 2206 (5pcs) (SUC-466) ③ 3-Core Cable 10mx1 (SUC-479) ④ Shrink Tube 0.5m x1

3-Core Cable 10m/100m



Item No.	SUC-479	SUC-480
Length	10m	100m
Details	VCTF0.3-3C Finished wire outer diameter Φ1.6	

e-CON Female connector for Input 2206 (4 Pins) (5 pcs)



Item No.	SUC-464
Details	This is used to create an extended cable for the input. 4 Pins 37304-2206-000FL (3M) Suitable for wires with a finished outer diameter of 1.6-2.0mm.

e-CON male connector for Output 2206 (3 Pins) (5 pcs)



Item No.	SUC-466
Details	This is used to create an extended cable for the output. 3 Pins 37303-2206-000FL (3M) Suitable for wires with a finished outer diameter of 1.6-2.0mm.

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Cable ▪ Others

**Flexible Input Extension Cable
2m/5m/10m**



Item No.	SUC-356	SUC-626	SUC-627
Length	2m	5m	10m
Details	Used to extend the cable for input. Use for wiring to moving parts.		

**Flexible Output Extension Cable
2m/5m/10m**



Item No.	SUC-355	SUC-624	SUC-625
Length	2m	5m	10m
Details	Used to extend the cable for input. Use for wiring to moving parts.		

Flexible Cable Kit for Input



Item No.	SUC-477
Details	10meters flexure-resistant input extension cable of any length. ① Input Connector (4 Pin) 5pcs/pack (SUC-325) ② e-CON for Input 2124 (5pcs) (SUC-465) ③ 3-Core Flexible Cable 10mx1 (SUC-481) ④ Shrink Tube 0.5m x1

Flexible Cable Kit for Output



Item No.	SUC-478
Details	10meters flexure-resistant input extension cable of any length. ① Output Connector (3 Pin) 5pcs/pack (SUC-334) ② e-CON for Output 2124 (5pcs) (SUC-467) ③ 3-Core Flexible Cable 10m x1(SUC-481) ④ Shrink Tube 0.5m x1

3-Core Cable 10m/100m



Item No.	SUC-481	SUC-482
Length	10m	100m
Details	ORP-SL AWG23 × 3C Maker : OKI Electric Cable Finished wire outer diameter : Φ1.09 Flexure-resistant	

e-CON Female connector for Input 2124 (4 Pins) (5 pcs)



Item No.	SUC-465
Details	This is used to create an extended cable for the input. 37304-2124-000FL (3M) Suitable for wires with a finished outer diameter of 1.0-1.2mm.

e-CON male connector for Output 2124 (3 Pins) (5 pcs)



Item No.	SUC-467
Details	This is used to make an extended cable for Output. 37303-2124-000FL (3M) Fits wires with a finished outside diameter of 1.0-1.2mm.

Intensive Input Cable with e-CON



Item No.	SUC-208
Details	Used to combine the signals of input devices into one. Cable Length : 0.1m

Output Junction Cable with e-CON



Item No.	SUC-230
Details	Used to split the signal to the Output device. Cable Length : 0.1m

Cable ▪ Others

I/O Connection Cable for SiO (0.3M)



Item No.	SUC-342
Details	It is used to pass signals between SiOs. Cable Length : 0.3m

I/O Connection Cable for SiO (2M)



Item No.	SUC-343
Details	It is used to pass signals between SiOs. Cable Length : 2m

Cable with Input Connector (4 Pins)



Item No.	SUC-710	SUC-711
Length	2m	5m
Details	Cable with pre-crimped e-CON connectors.	

Cable with Output Connector (3 Pins)



Item No.	SUC-712	SUC-713
Length	2m	5m
Details	Cable with pre-crimped e-CON connectors.	

Input Connector with Cable (4 Pins) 4 pcs



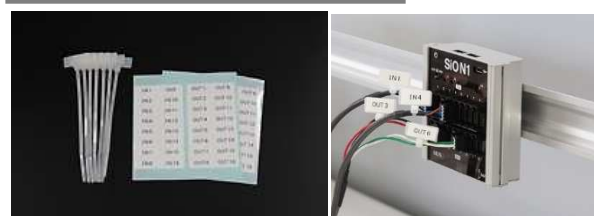
Item No.	SUC-286
Details	This is an e-CON connector with the Cable pre-crimped. 4 pcs

Output Connector with Cable (3 Pins) 4 pcs



Item No.	SUC-287
Details	This is an e-CON connector with the Cable pre-crimped. 4 pcs

Cable Tie with Plate



Example of how to use

Item No.	SUC-449
Details	This item specifies the signal number on the e-CON Cable. This is useful when disconnecting and reconnecting the cable for maintenance, etc. 20 Bundling Bands 【IN1~16 OUT1~16】 2 sheets of sticker included

e-CON Dust Cover Set



Item No.	SUC-309
Details	This cover protects the unused e-CON terminals from foreign matters. 10 pcs (For Input 5 pcs & For Output 5pcs)

Crimping Tool for e-CON



Item No.	SUC-285
Details	This is a dedicated crimping tool for the e-CON. Although the e-CON can be crimped with pliers or other tools, this special tool can be used for easier and more reliable crimping because the holding part operates in parallel.

Cable Stripper



Item No.	SUC-628
Details	This tool is used to peel off the outer sheath of multi-core cables. Applicable wire outer diameter: Φ4 to 16mm Type : ND-800S Maker : JEFECOM

Prajat mini



Item No.	SUC-629
Details	This tool shrinks Shrink Tube by hot air. Hot Air Temperature: approx. 350° C Cable Length : 1.8m Type : PJ-M20 Maker : ISHIZAKI ELECTRIC

Input Connector (4 Pins) 5 pcs/pack



Pin Assignments

1	24V
2	-
3	0V
4	IN

Item No.	Wire Mount Plug 4-Pin Description	Applicable Wire Chart			Body Color	Cover Color
		AWG No.	Nominal cross section mm ²	Finished Outer Diameter Φmm		
SUC-319	37104-4080-G00FL	26-28	less than 0.08-0.14	0.6-0.8	Gray	Purple
SUC-320	37104-4101-G00FL			0.8-1.0		Red
SUC-321	37104-3080-000FL	24-26	less than 0.14-0.3	0.6-0.8	Black	Purple
SUC-322	37104-3101-000FL			0.8-1.0		Red
SUC-323	37104-3122-000FL			1.0-1.2		Yellow
SUC-324	37104-3163-000FL			1.2-1.6		Orange
SUC-325	37104-2124-000FL	20-22	0.3-0.5	1.0-1.2	Black	Green
SUC-326	37104-2165-000FL			1.2-1.6		Blue
SUC-327	37104-2206-000FL			1.6-2.0		Gray

Output Connector (3 Pins) 5 pcs/pack



Pin Assignments

1	24V
2	0V
3	OUT

Item No.	Wire Mount Plug 3-Pin Description	Applicable Wire Chart			Body Color	Cover Color
		AWG No.	Nominal cross section mm ²	Finished Outer Diameter Φmm		
SUC-328	37103-4080-G00FL	26-28	less than 0.08-0.14	0.6-0.8	Gray	Purple
SUC-329	37103-4101-G00FL			0.8-1.0		Red
SUC-330	37103-3080-000FL	24-26	less than 0.14-0.3	0.6-0.8	Black	Purple
SUC-331	37103-3101-000FL			0.8-1.0		Red
SUC-332	37103-3122-000FL			1.0-1.2		Yellow
SUC-333	37103-3163-000FL			1.2-1.6		Orange
SUC-334	37103-2124-000FL	20-22	0.3-0.5	1.0-1.2	Black	Green
SUC-335	37103-2165-000FL			1.2-1.6		Blue
SUC-336	37103-2206-000FL			1.6-2.0		Gray

e-CON Wiring procedure

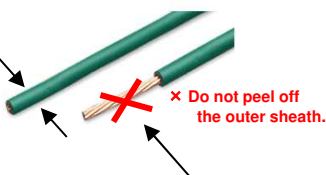
1 : Applicable wires

The maximum wire size that can be used for e-CON is 2.0 mm in finished outer diameter. Please select the appropriate size from among the 9 types according to the cross section of the conductor and the finished outer diameter.

※If the wire is not compatible, use the connector with cable, SUC-286 or SUC-287.

Finished outer diameter

: Max. 2.0 mm or less



× Do not peel off the outer sheath.

2 : Pre-treatment of electrical wires

Do not use the wires with the insulation removed. It may cause a short circuit with the neighboring terminals, resulting in damage to the controller.



3 : Insert the electric wire

- Check the pin number and insert the wire through the wire insertion hole between the Top Cover (translucent product) and the Base Cover (white color part).
- Make sure that the wire is inserted from the top of the Top Cover to the back (the Red line in the photo).



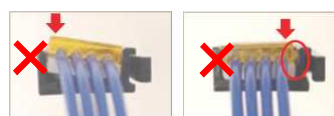
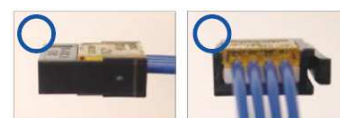
4 : Crimp the connector

Use a tool (pliers, etc.) to push the cover into the body. Set the tool from the side of the connector as shown in the right picture.

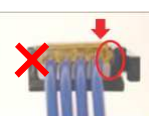


5 : Check

Make sure that the cover is horizontal to the body and that there is no space between the body and the cover from the side and back of the connector.



Bad example(1)
Insufficient cover push-in



Bad example(2)
Not latched

Push the red arrow part in again.

SiO Kit

SiO Training Kit



Item No.	SIO-L20
Details	① SiO 3.2mini [XAC-057] ② AC Adapter [SUC-446] ③ SBOX 2 Switches (LED Button) with e-CON [SUC-515] ④ Software CD ⑤ USB Cable [SUC-121]

SiO3.2 Starter Kit



Item No.	SIO-L18
Details	① SiO 3.2mini [XAC-057] ② AC Adapter [SUC-446] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiO3.2 Standard Kit 1



Item No.	SIO-L19
Details	① SiO 3.2mini [XAC-057] ② AC Adapter [SUC-446]

SiO2 R2 Starter kit



Item No.	SIO-L40
Details	① SiO2 R2 [XAC-067] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiO2 R2 Basic kit1



Item No.	SIO-L38
Details	① SiO2 R2 [XAC-067] ② AC Adapter [SUC-261]

SiO-N3 Starter Kit



Item No.	SIO-L23
Details	① SiO-N3 [XAC-062] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiO-N3 Standard Kit 1



Item No.	SIO-L24
Details	① SiO-N3 [XAC-062] ② AC Adapter [SUC-261]

SiO-N1 Starter Kit



Item No.	SIO-L15
Details	① SiO-N1 [XAC-052] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiO-N1 Standard Kit 1



Item No.	SIO-L16
Details	① SiO-N1 [XAC-052] ② AC Adapter [SUC-261]

SiO-N1 Standard Kit 2



Item No.	SIO-L17
Details	① SiO-N1 [XAC-052] ② AC Adapter [SUC-261] ③ Connector with Input・Output Cable 100mm (8 pcs) [SUC-286・SUC-287]

SiO Kit

Training Kit for SiOt



Item No.	SIO-L25
Details	① SiOt [XAC-061] ② AC Adapter [SUC-261] ③ SBOX 2 Switches (LED Button) + e-CON [SUC-515] ④ USB Cable [SUC-121] ⑤ USB-LAN Conversion Adapter ⑥ LAN Cable ⑦ Software CD

SiOt Starter Kit



Item No.	SIO-L21
Details	① SiOt [XAC-061] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiOt Standard Kit



Item No.	SIO-L22
Details	① SiOt [XAC-061] ② AC Adapter [SUC-261]

SiOt1 Starter Kit



Item No.	SIO-L34
Details	① SiOt 1 [XAC-064] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website.

SiOt1 Basic Kit 1



Item No.	SIO-L32
Details	① SiOt 1 [XAC-064] ② AC Adapter [SUC-261]

SiOt3 Starter Kit



Item No.	SIO-L37
Details	① SiOt 3 [XAC-065] ② AC Adapter [SUC-261] ③ Software CD ※ Each software is also available for free download from our website. ④ USB Cable [SUC-121]

SiOt3 Basic Kit 1



Item No.	SIO-L35
Details	① SiOt 3 [XAC-065] ② AC Adapter [SUC-261]

Some SiO kits are also available with an L-shaped plug.

Description	AC Adapter Tip Plug Shape	
	Straight Type	L Type
SiO2 R2 Basic Kit 1	SIO-L38	SIO-L39
SiO-N3 Standard Kit 1	SIO-L24	SIO-L31
SiO-N1 Standard Kit 1	SIO-L16	SIO-L28
SiO-N1 Standard Kit 2	SIO-L17	SIO-L29
SiOt Standard Kit 1	SIO-L22	SI-L30
SiOt1 Standard Kit 1	SIO-L32	SI-L33
SiOt3 Standard Kit 1	SIO-L35	SI-L36

Straight Type



L Type



For L Type, the shape of the plug at the end of the AC Adapter of each kit changes to the picture on the right. The price is the same as Straight Type.

SiO Kit

SiO-C Starter Kit (e-CON)



Item No.	SIO-L11
Details	① Controller SiO-C-D [XAC-035] ② SiO-Te1 [SUC-162] ③ AC Adapter [SUC-261] ④ I/O Cable Both Side Connector 0.2m [SUC-117] ⑤ 24V Junction Cable with e-CON [SUC-207] ⑥ Software CD ※Each software is also available for free download from our website. ⑦ USB Cable [SUC-121]

SiO-C Standard Kit 1 (e-CON)



Item No.	SIO-L12
Details	① Controller SiO-C-D [XAC-035] ② SiO-Te1 [SUC-162] ③ AC Adapter [SUC-261] ④ I/O Cable Both Side Connector 0.2m [SUC-117] ⑤ 24V Junction Cable with e-CON [SUC-207]

Others, Options

Specifically for SiO-C

Terminal Block for SiO-C



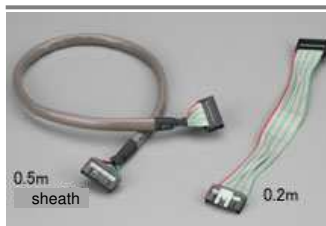
Item No.	SUC-147
Details	Spring-loaded terminal board for SiO with space-saving design. DIN rail mounting type. Outer dimensions: W43 × D78.8 × H46

E-CON Terminal block



Item No.	SUC-162
Details	Dedicated e-CON terminal board for SiO controller. DIN rail mounting type.

I/O Cable Both Side Connector 0.5m



Item No.	SUC-118 SUC-117
Details	Cable for connecting SiO and connector terminal board.

24V Junction Cable with e-CON



Item No.	SUC-207
Details	Used for power supply from SiO-C to e-CON connector terminal board.

SiO Storage Box (Large)



Item No.	SUC-145
Details	Box to hold SiO controller with DIN rail Maker: TOYOGIKEN (Inner dimensions: W232 × D132 × H101)

SiO Storage BOX Big (GF mounting type)



Item No.	SUC-789
Details	SUC-145 with GF accessories included. GF accessories • L-Slot Connector Piece • Screw, Washer

SiO-C Storage Box (Small)



Item No.	SUC-144
Details	Box to hold SiO controller with DIN rail Maker: TOYOGIKEN (Inner dimensions: W126 × D126 × H101)

SiO-C Storage BOX Small (GF mounting type)



Item No.	SUC-788
Details	SUC-144 with GF accessories included. GF accessories • L-Slot Connector Piece • Screw, Washer

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Others, Options

AC Adapter (UV324-2410)



Item No.	SUC-261
Details	AC Adapter to supply power to the SiO controller. 24V : 1A Cable Length : 1.2m

UV324-2410-JTKG-0086



Item No.	SUC-446
Details	AC Adapter to supply power to the SiO controller. The plug that connects to the SiO is L-shaped socket. 24V : 1A Cable Length : 1.2m

24V On/Off Switch



Item No.	SUC-445
Details	Power on/off of the SiO controller can be controlled at hand. Cable Length : 1m

Cable with DC Plug



Item No.	IFP-A034
Details	This cable is used to supply power to the SiO from an external power supply of 24VDC. Cable Length : 0.5m

USB Cable (Micro USB)



Item No.	SUC-121
Details	For connecting SiO to a computer. Cable Length : 1.2m Type : U2C-JAMB12BK (ELECOM)

USB Cable L Type (Micro B)



Item No.	SUC-463
Details	For connecting SiO to a computer. The connector on the SiO side is L-shaped. Cable Length : 1.2m Type : TB-AMBL2U12BK (ELECOM)

USB extension Cable U2C-JE20BK



Item No.	SUC-462
Details	Extend the USB Cable. Cable Length : 2m Type : U2C-JE20BK (ELECOM) ※Extensions are limited to one cable.

LAN Cable



Item No.	SUC-778	SUC-779	SUC-780	SUC-781
Length	2m	5m	10m	20m
Model	SUNWA SUPPLY KB-T5T-02BLN	SUNWA SUPPLY KB-T5T-05BLN	SUNWA SUPPLY KB-T5T-10BLN	SUNWA SUPPLY KB-T5T-20BLN
Details	For connecting SiO and PC etc. Category 5e Straight Connection.			

Notations such as **IN:1** **OUT:1** indicate the number of I/O points required for the SiO controller.

Others, Options

Signal Conversion Module



Item No.	SUC-247
Details	Change PNP→NPN
Item No.	SUC-246
Details	Change NPN→PNP

24V Junction Cable



Item No.	SUC-120
Details	Cable for supplying power (DC24V) to sensors, etc. from AC Adapter.

Voltage meter with e-CON



Item No.	SUC-674
Details	It measures the power supply voltage of the SIO controller and outputs a signal if it exceeds the set range. It is ideal for monitoring the power supply voltage during battery operation. Cable Length : 1m Type : K3HB-XVD-C1 Maker : Omron

Wireless Base Unit Set



Item No.	SUC-535
Details	Transmits and receives input and output signals wirelessly. Max Communication Distance : 1000m Type : UENRMU005 Antenna : UENRSA801 Maker : Panasonic Devices SUNX

Wireless Extension Unit Set



Item No.	SUC-536
Details	Transmits and receives input and output signals wirelessly. Max Communication Distance : 1000m Type : UENRSU005 Antenna : UENRSA801 Maker : Panasonic Devices SUNX

Transmitter with e-CON



Item No.	SUC-786
Details	Transmit signals from SIO wirelessly. Max Communication Distance : 100m Type : PWS-THN-W Maker : PATLITE

Receiver with e-CON



Item No.	SUC-787
Details	Outputs signals from SIO received wirelessly. Max Communication Distance : 100m Type : PWS-RH-W Maker : PATLITE

Others, Options

SiO2 /R2Cover



Item No.	SUC-459
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 55g ※Controller not included.

SiO-N1 Cover



Item No.	SUC-461
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 59g ※Controller not included.

SiO-N3 Cover



Item No.	SUC-795
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 70g ※Controller not included.

SiOt Cover



Item No.	SUC-816
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 66g ※Controller not included.

SiOt1 Cover



Item No.	SUC-817
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 80g ※Controller not included.

SiOt3 Cover



Item No.	SUC-818
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 98g ※Controller not included.

SiO GF attachment



Item No.	SUC-507
Details	This part is used to attach the GF-N connector to the back of the controller, For SiO2/SiO2PNP/SiO-N1 SiO-N3. ※Controller not included.

SiO3.2mini Cover



Item No.	SUC-685
Details	This is a simple cover to protect the connection part of SiO. Material: Aluminum and Resin Weight: 18g ※Controller not included.

SiO3.2mini DIN attachment



Item No.	SUC-444
Details	This part is used to attach the SiO3.2 controller on the DIN rail. ※Controller not included.

SiO3.2 mini screw attachment plate



Item No.	SUC-443
Details	This part is used to fix the SiO3.2 controller using M3 screws. ※Controller not included.

SiO3.2mini GF attachment S



Item No.	SUC-452
Details	This part is used to attach the GF-S connector to the back of the SiO3.2 controller. ※Controller not included.

SiO Solution Kit

SiO Weight Checker 15kg Type

This weight checker measures weight and notifies the user with a three-color lamp. It can buzzer according to the result. In addition, a constant connection to a PC allows time and results to be recorded in a log file.



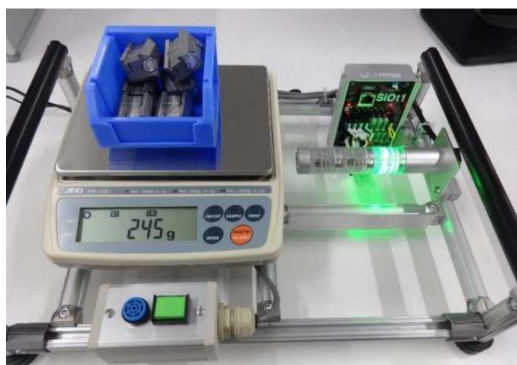
No.	Item No.	Description	Quantity
1	XAC-064	SiOt1	1
2	SUC-446	AC Adapter L-Type Plug	1
3	SUC-513	SBOX 1 Switch +e-CON	1
4	SUC-206	Buzzer with e-CON	1
5	SUC-437	Lamp 3 Colors ϕ 25 (Red/Yellow/Green)	1
6	SUC-326	Input Connector (4 Pin) 5pcs/pack	1
7	–	Cable VCTF0.3–4 1m	1
8	–	HC-15Ki Counting Scale	1
9	–	HC-04i RS-232 Relay Output	1
10	–	Complete Set of GF Accessories and Assembly Costs	1

Drawing Number : ASW003980-00

<Specification> Weighing Capacity : 15kg Minim Weight Display : 2g

SiO Weight Checker 12kg Type

This weight checker measures weight and notifies the user with a three-color lamp. It can buzzer according to the result. It can record time, result log data during connecting to PC.



No.	Item No.	Description	Quantity
1	XAC-064	SiOt1	1
2	SUC-446	AC Adapter L-Type Plug	1
3	SUC-513	SBOX 1 Switch +e-CON	1
4	SUC-206	Buzzer with e-CON	1
5	SUC-437	Lamp 3 Colors ϕ 25 (Red/Yellow/Green)	1
6	SUC-326	Input Connector (4 Pin) 5pcs/pack	1
7	–	Cable VCTF0.3–4 1m	1
8	–	EW-12Ki Compact Balance	1
9	–	Output Option (EKW-04i)	1
10	–	Complete Set of GF Accessories and Assembly Costs	1

Drawing Number : ASW003981-00

<Specification> Weighing Capacity : 3000g / 6000g / 12000g Minim Weight Display : 1g / 2g / 5g

Please refer to the website for wiring diagrams, external views, specifications, etc. → <http://fa.sus.co.jp>

The information in this catalog is subject to change without notice due to product improvement or other reasons.

