Variants without IO-Link

Variants with IO-Link

Necessary components

3-Segment Tower Light	3-Segment Tower Light with Buzzer	LED Strip RGB 24V NPN, 1m	LED Strip RGB 24V NPN, 2m	Multi-Segment RGB LED Strip Controller DIN/AIN 24VDC	Multi-Segment RGB LED Strip Controller IO-Link 24VDC
0.0.721.11	0.0.721.12	0.0.715.45	0.0.718.16	0.0.724.14	0.0.721.35

Variants with IO-Link — Necessary components:

3-Segment Tower Light IO-Link	Multi-Segment RGB Light IO-Link 125	Multi-Segment RGB Light IO-Link 250	Multi-Segment RGB Light IO-Link 480
0.0.721.09	0.0.721.00	0.0.721.01	0.0.721.02

LED Strip RGB 24V PNP, 1m	LED Strip RGB 24V PNP, 2m	3-Segment RGB Tower Light IO-Link with Buzzer
0.0.724.13	0.0.724.18	0.0.721.10

Multi-Segment RGB LED Strip

1m	2m	3m	6m
0.0.719.69	0.0.720.85	0.0.720.86	0.0.720.87

LED Casing Profile 8 14x5	2x LED Casing Profile 8 14x5, Cap	LED Casing Profile 8 14x5	2x LED Casing Profile 8 14x5, Cap	Connector M12 4P Male, A-coded	1-Segment RGB Signal Light IO-Link
0.0.718.15	0.0.719.68	0.0.718.15	0.0.719.68	0.0.718.00	0.0.721.08

Optional accessories

Connector M12 5P Male, A-coded	Plug-In Power Supply 24V 1A M12	Sensor/Actuator Splitter M12 5P, T-shaped, A-coded	
0.0.726.03	0.0.720.39	0.0.724.12	

Diffusor 125	Diffusor 250	Diffusor 480
0.0.720.76	0.0.720.77	0.0.720.78

★ for use with Class A master

★ Operation via trigger inputs

Sensor/Actuator Connection Cable 5m M12 5P, Female Connector, A-coded	Sensor/Actuator Connection Cable 5m M12 4P, Female Connector, A-coded	Connector M12 4P Male, A-coded	Sensor/Actuator Distributor Box M12 3P, 6 Slots, A-coded	Connector M12 8P, Male, A-coded	Sensor/Actuator Connection Cable 5m M12 4P, Female Connector, A-coded
0.0.725.68	0.0.714.52	0.0.718.00	0.0.725.69	0.0.724.19	0.0.714.52

Connector M12 4P Male, A-coded	Sensor/Actuator Connection Cable 5m M12 5P, Female Connector, A-coded	Connector M12 5P Male, A-coded
0.0.718.00	0.0.725.68	0.0.726.03

★ for use with Class B master

★ Operation via IO-Link only

| Pushbutton M22 1NO 1NC M12, Male Connector, A-coded	Selector Switch M22 1NO 1NC M12, Male Connector, A-coded	Sensor/Actuator Connection Cable 5m M12 5P, Female Connector, A-coded	Connector M12 5P Male, A-coded	Sensor/Actuator Connection Cable 5m M12 4P, Female Connector, A-coded	Connector M12 4P Male, A-coded
0.0.732.79	0.0.730.75	0.0.725.68	0.0.726.03	0.0.714.52	0.0.718.00

Parametrisation

- No parametrisation
- Web interface
- IO-Link
- Lights are already parametrised
- Default parameters are changed via IO-Link
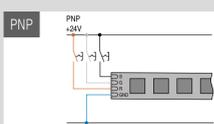
Control

24 V power input

Pin 5 (grey)
Pin 4 (black)
Pin 3 (blue)
Pin 1 (brown)
Pin 2 (white)
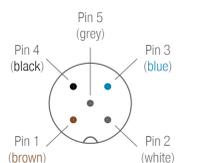
Pin	Signal		Pin	Signal
1	Red LED		1	Red LED
2	Not connected		2	Buzzer
3	GND		3	GND
4	Green LED		4	Green LED
5	Yellow LED		5	Yellow LED

24 V power input

NPN — NPN +24V
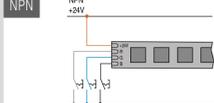
NPN - Control table

+24 V (bn)	R (wh)	G (bu)	B (bk)	LED strip colour
24 V	X	X	X	Off
24 V	X	X	GND	Blue
24 V	X	GND	X	Green
24 V	X	GND	GND	Cyan
24 V	GND	X	X	Red
24 V	GND	X	GND	Purple
24 V	GND	GND	X	Yellow
24 V	GND	GND	GND	White

X: Not connected/open/24 V

PNP — PNP +24V

PNP - Control table

GND (bu)	+24V R (bn)	+24V G (wh)	+24V B (bk)	LED strip colour
-	X	X	X	Off
-	X	X	24V	Blue
-	X	24V	X	Green
-	X	24V	24V	Cyan
-	24V	X	X	Red
-	24V	X	24V	Purple
-	24V	24V	X	Yellow
-	24V	24V	24V	White

X: Not connected/open/24 V

Sensor

PLC
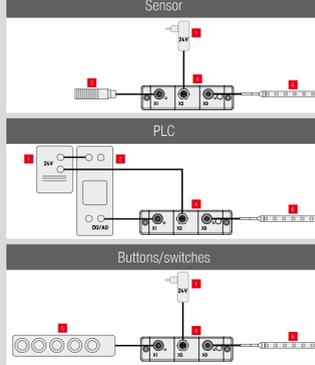
Buttons/switches

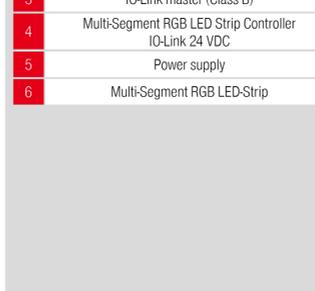| No.	Description
1	Power supply
2	PLC
3	Analogue sensor 0-10V
4	Multi-Segment RGB LED Strip Controller DIN/AIN 24VDC
5	Buttons/switches
6	Multi-Segment RGB LED Strip

Pins

PIN	Function		PIN	Function
1	P24 OUT		5	DIN2
2	AIN		6	DIN3
3	N24 OUT		7	DIN4
4	DIN1		8	DIN5

Use with IO-Link Class A master
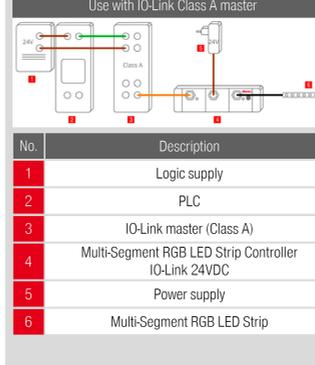
No.	Description
1	Logic supply
2	PLC
3	IO-Link master (Class A)
4	Multi-Segment RGB LED Strip Controller IO-Link 24VDC
5	Power supply
6	Multi-Segment RGB LED Strip

Use with IO-Link Class B master

Nr.	Description
1	Logic supply
2	PLC
3	IO-Link master (Class B)
4	Multi-Segment RGB LED Strip Controller IO-Link 24 VDC
5	Power supply
6	Multi-Segment RGB LED-Strip

Operation via trigger inputs

In trigger mode (factory default), 8 predefined colour and light configurations can be activated via the 3 digital trigger inputs, even when not using IO-Link.

High level > 8.0 V
Low level < 5.0 V

BN 1 ⊕
WH 2 — Trigger 1
BK 4 — Trigger 3
BU 3 ⊖
GY 5 — Trigger 2

Trigger 1	Trigger 2	Trigger 3	Pre-set	Factory setting
0	0	0	1	Off
1	0	0	2	Red
0	1	0	3	Green
1	1	0	4	Yellow
0	0	1	5	Blue
1	0	1	6	Red, blinking
0	1	1	7	Green, blinking
1	1	1	8	Yellow, blinking

Operation via IO-Link

Potential system architecture

PLC — IO-Link-Master — Sensor — SIO

item products

Users