

Starter Kits

Quick Start Guide IO-Link Starter Kit

Article number: 11703949

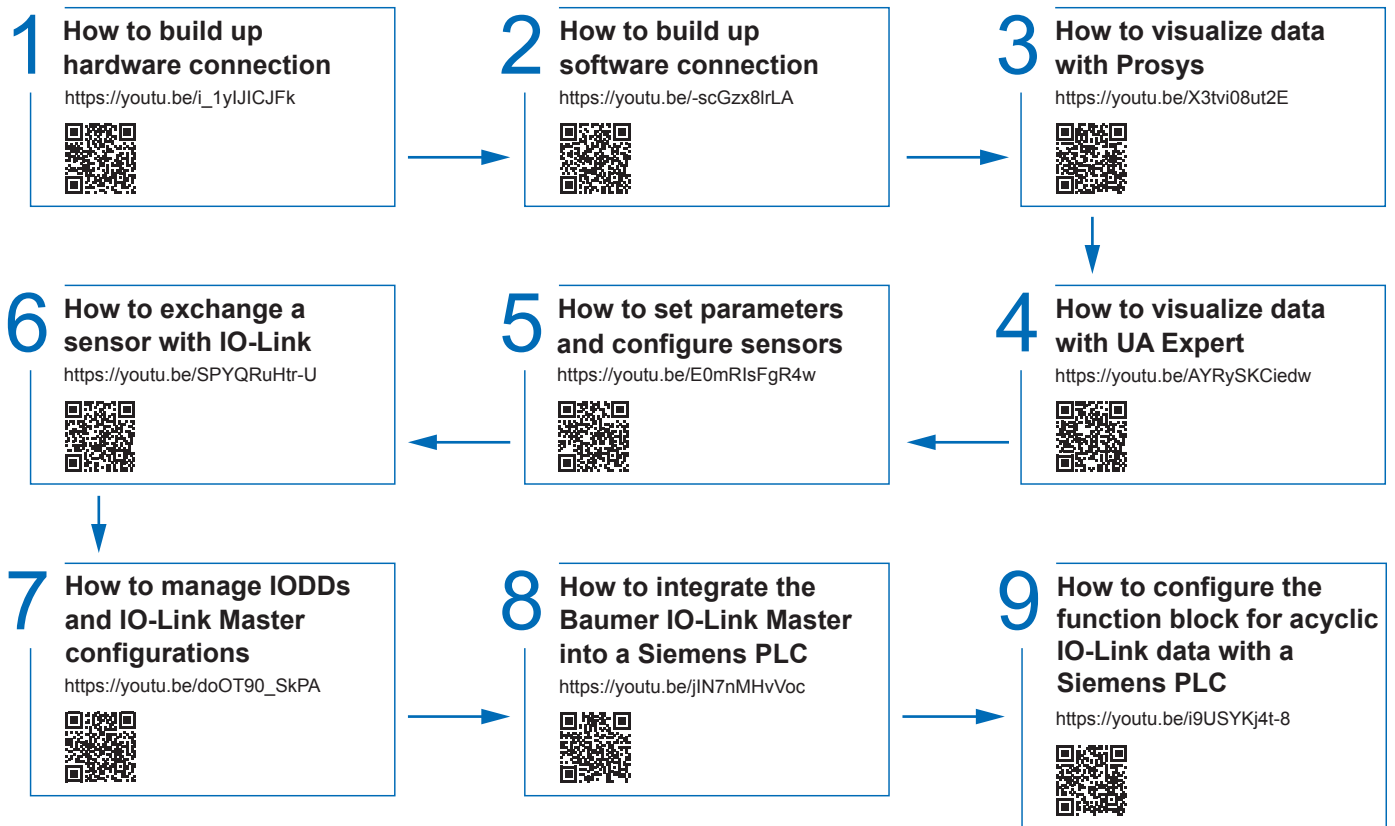


Your benefit

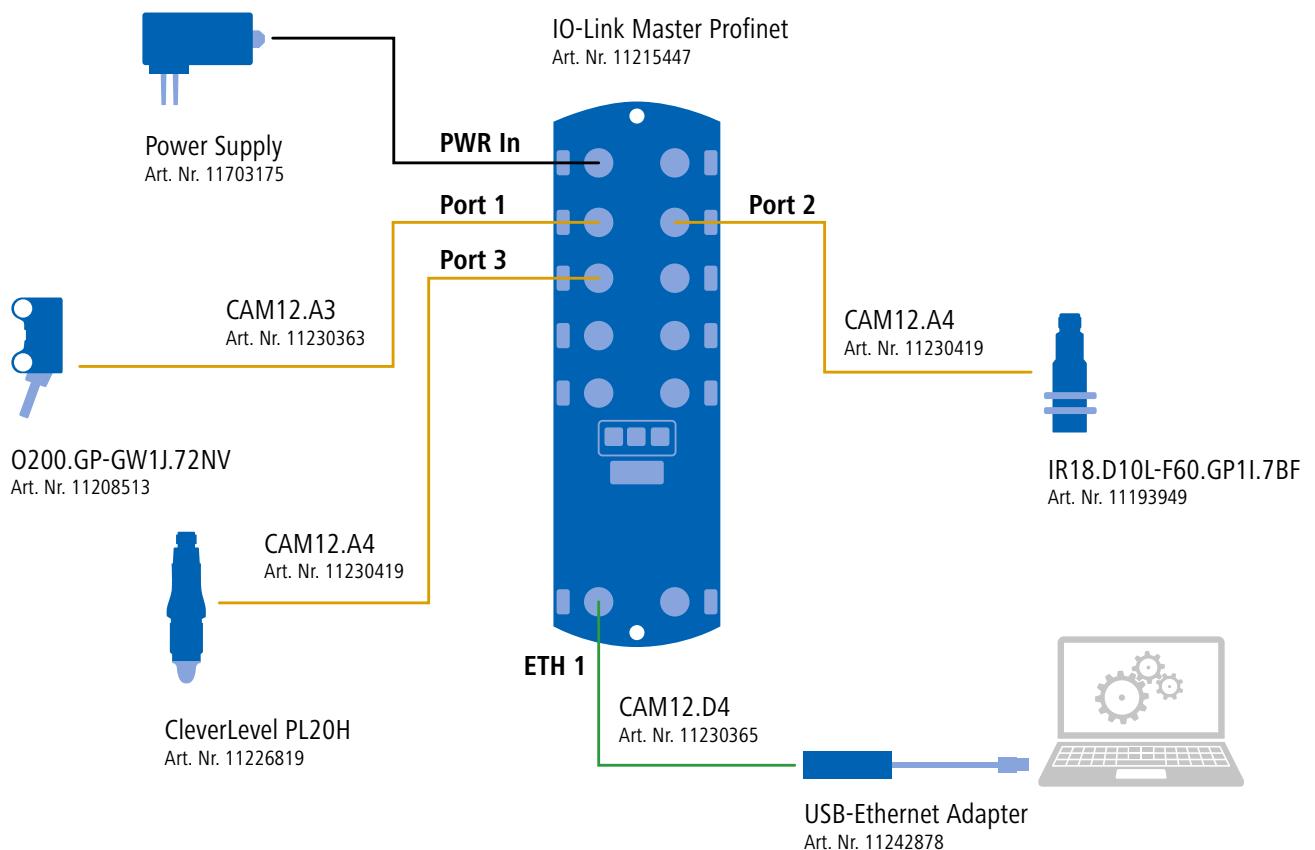
- Learn the full vertical sensor integration from field over master to PLC
- Plug and work experience by preconfigured devices
- Step by step YouTube tutorials for easy understanding
- Full access to IO-Link Master and IO-Link device functionality by integrated webserver
- Industrial rated products also allow 24/7 evaluation on a running machine in real environment

Tutorials

Your journey with the Baumer IO-Link Starter Kit.



Quick wiring guide



Step-by-step

As shown in the YouTube Videos.

1 Power Supply

Connect the country specific adapter to the power supply and connect it to the Baumer IO-Link Master in PWR IN.

2 Diffuse sensor with background suppression O200

Connect the O200 with the M8 female to M12 male cable to the Baumer IO-Link Master in Port 1.

3 Inductive distance measuring sensor IR18

Connect the IR18 with the first M12 female to M12 male cable to the Baumer IO-Link Master in Port 2.

4 CleverLevel adaptive trigger PL20H

Connect the PL20H with the second M12 female to M12 male cable to the Baumer IO-Link Master in Port 3.

5 USB Ethernet Adapter

Connect the USB Ethernet Adapter with the M12 male to RJ45 cable in Port ETH1. Then connect the USB output with your computer.

6 Assign IP-address to the adapter

Open the [Network & Internet](#) settings inside the windows settings.

Press [Change adapter options](#) and change the IP address of the adapter to [192.168.0.4](#).

Therefore click on the [Ethernet Port](#) the Adapter is connected to, click on [Properties](#) and double click on [Internet Protocol Version 4 \(TCP/IPv4\)](#). Via [Use the following IP address](#) you can assign the IP address.

7 Baumer IO-Link Master Webserver

Type [192.168.0.250](#) inside your browser and connect to the Baumer IO-Link Master Webserver.

Additional software downloads

Prosys

<https://downloads.prosysopc.com/opc-ua-client-downloads.php>

UA Expert

<https://www.unified-automation.com/de/downloads/opc-ua-clients.html>

GSDML File

<https://www.baumer.com/gb/en/product-overview/cable-connectivity/io-link-master/io-link-master-profinet/io-link-master-profinet-8-port-ip67/p/42518>

Function block for acyclic data communication of IO-Link

[https://support.industry.siemens.com/cs/document/82981502/library-for-io-link-\(liolink\)?dti=0&lc=en-WWW](https://support.industry.siemens.com/cs/document/82981502/library-for-io-link-(liolink)?dti=0&lc=en-WWW)

Component list

Product type	Item included in the delivery scope	Article number	Image
Sensors	O200.GP-GW1J.72NV	11208513	
	IR18.D10L-F60.GP1I.7BF	11193949	
	CleverLevel PL20H	11226819	
Master	IO-Link Master Profinet, 8-Port, IP67	11215447	
Cables and adapter	CAM12.D4-11230365	11230365	
	2x CAM12.A4-11230419	11230419	
	CAM12.A3-11230363	11230363	
	Power Supply	11703175	
	USB-Ethernet-Adapter	11242878	