

Anschluss Smart Kamera VS-05
Connection Smart Camera VS-05

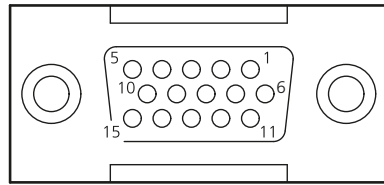


Multifunktional
Multifunktional

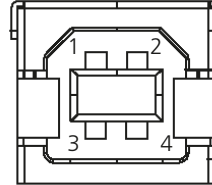


VS-05 Pinbelegung USB - seriell / Pin assignment USB - serial

RS 232

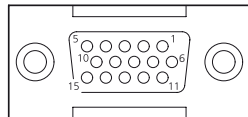


USB



Anschlüsse / Connections

Stecker Sub-D, 15-polig / Connector Sub-D, 15-poled



PIN / Pin	Host RS 232	In / Out
1	Power +5VDC	Eingang / Input
2	TXD	Ausgang / Output
3	RxD	Eingang / Input
4	0 VDC / Ground	-
5	N.C.*	-
6	N.C.*	-
7	Ausgang 1 / Output 1 TTL ¹⁾	Ausgang / Output
8	Nicht verwendet / Not used	Eingang / Input
9	Trigger	Eingang / Input
10	N.C.*	-
11	Ausgang 3 / Output 3 TTL	Ausgang / Output
12	Neuer Master / New Master (NPN)	Eingang / Input
13	Gehäuse Erdung / Chassis ground ²⁾	-
14	Ausgang 2 / Output 2 TTL	Ausgang / Output
15	N.C.*	-

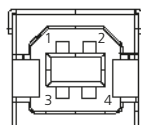
¹⁾ npn, 10 mA / pnp, 2 mA

²⁾ Gehäuse: Nicht zur Spannungsversorgung verwenden. Ausschließlich zur Erdung.

Chassis ground: used to connect chassis body to earth ground only. Not to be used as power or signal return.

* N.C. = Nicht verbunden / Not Connected

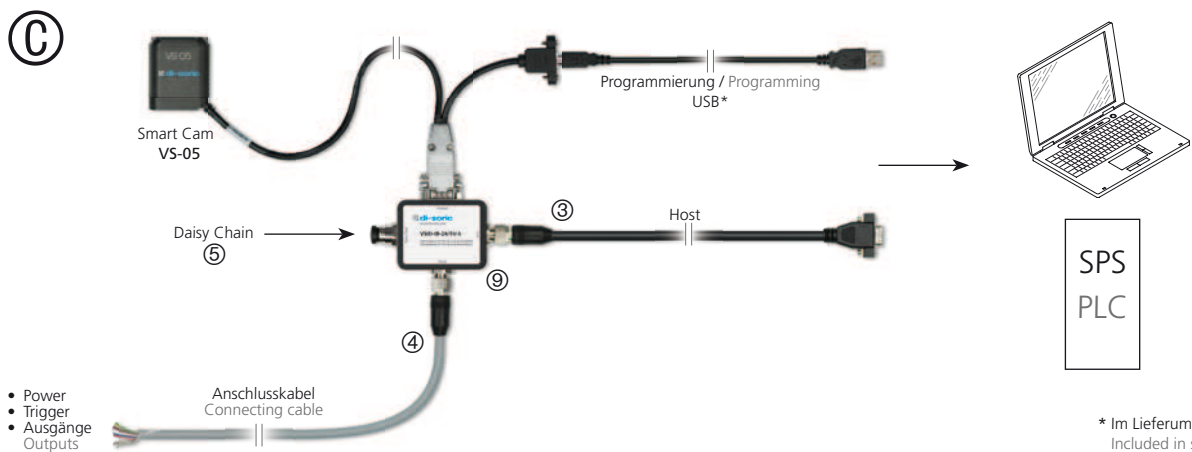
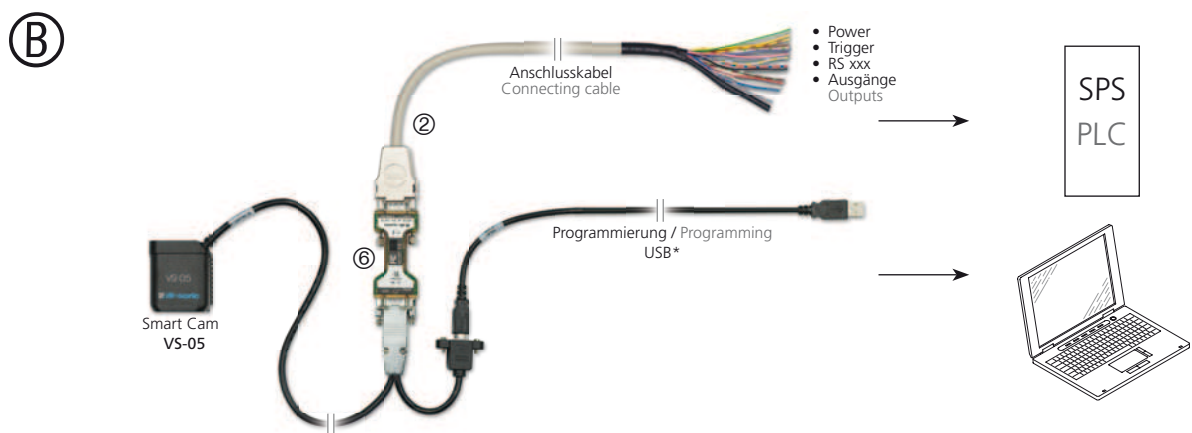
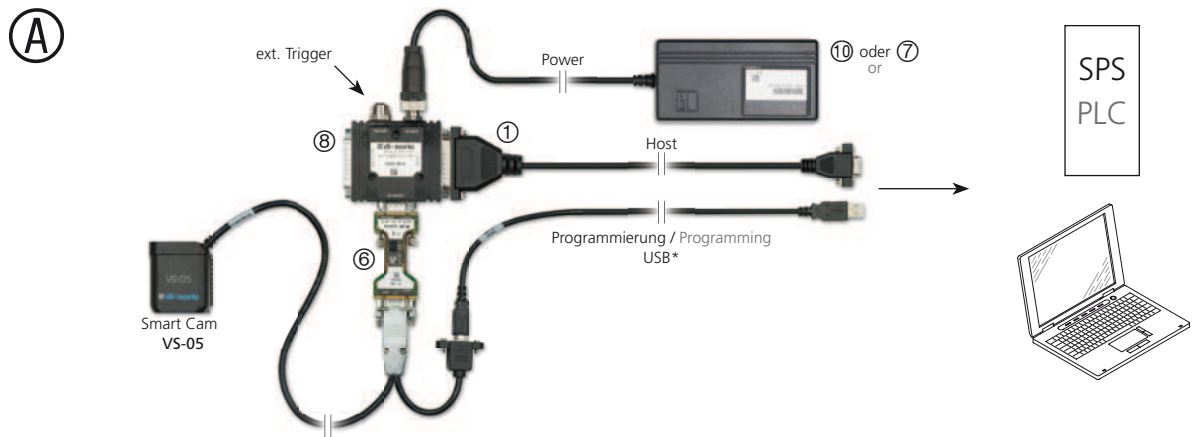
USB Typ B Stecker / USB Type B Connector



PIN / Pin	Funktion / Function
1	Vbus (5V)
2	D -
3	D +
4	Erdung / Ground

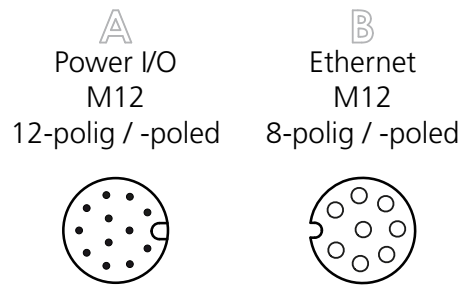


VS-05 Anschlussvarianten USB-seriell / Connection variants USB -serial

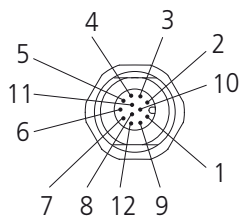


Benötigtes Zubehör / Required accessories		
①	Sub-D, Stecker 25-polig zu Buchse 9-polig, 1,8 m / Sub-D, connector 25-poled to socket 9-poled, 1,8 m	VSID-K-25S/9K-2
②	Sub-D, Stecker 15-polig zu offenem Ende, 5 m / Connector Sub-D, 15-poled to open wire, 5 m	VSID-SD-5/15-S
③	Buchse M12, 8-polig zu Buchse Sub-D, 9-polig, 2 m / Socket M12, 8-poled to socket Sub-D, 9-poled, 2 m	VKHM-Z-2/8-RS232
④	Buchse M12, 8-polig zu offenem Ende, 5 m / Socket M12, 8-poled to open wire, 5 m	VKHM-Z-5/8-A
⑤	Optional: Daisy Chain, Stecker zu Buchse, M12, 8-polig, 2 m / Daisy Chain, connector to socket, M12, 8-poled, 2 m	VSHM-Z-2/VKM-Z/8-A
⑥	Spannungswandler 24 V DC auf 5V DC, Sub-D, 9-polig / Power converter 24 V DC to 5V DC, Sub-D, 9-poled	VSID-A-24/5V-S
⑦	Konfektionsstecker M12, 3-polig für / Prefabricated connector M12, 3-poled for VSID-IB-S	VSID-PC-IB-S
⑧	Interface Box 24 V DC	VSID-IB-S
⑨	Interface Box 24 V DC auf 5 V DC, pnp/npn-Wandler / Interface box 24 V DC to 5 V DC, pnp/npn converter	VSID-IB-24/5V-S
⑩	Netzgerät, Buchse M12, 3-polig, 24VDC / Power supply, socket M12, 3-poled, 24VDC	VSID-PS-IB

VS-05 Pinbelegung I/O - Ethernet / Pin assignment I/O - Ethernet

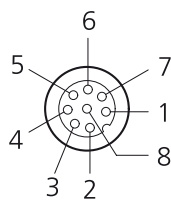


Stecker M12, 12-polig / Plug M12, 12-poled



PIN / Pin	Port A: Power I/O	Aderfarbe / Wire colour
1	Trigger	Braun / brown
2	Power	Blau / blue
3	Nicht verwendet / Not used	Weiß / white
4	Neuer Master / New Master	Grün / green
5	Ausgang 1 / Output 1	Pink / pink
6	Ausgang 3 / Output 3	Gelb / yellow
7	0 V DC / Ground	Schwarz / black
8	Gemeinsamer Eingang / Input common	Grau / grey
9	Host RxD	Rot / red
10	Host TxD	Violett / violet
11	Ausgang 2 / Output 2	Grau/Pink / grey/pink
12	Gemeinsamer Ausgang / Output common	Rot/Blau / red/blue

Buchse M12, 8-polig / Socket M12, 8-poled

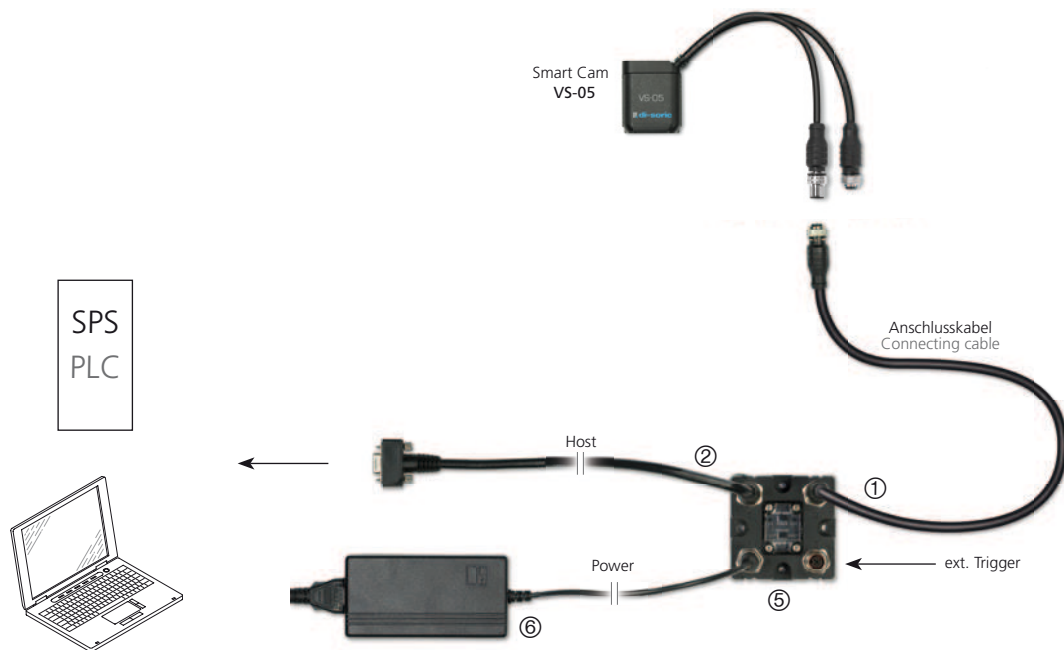


PIN / Pin	Port B: Ethernet
1	Terminated
2	Terminated
3	Terminated
4	TX (-)
5	RX (+)
6	TX (+)
7	Terminated
8	RX (-)

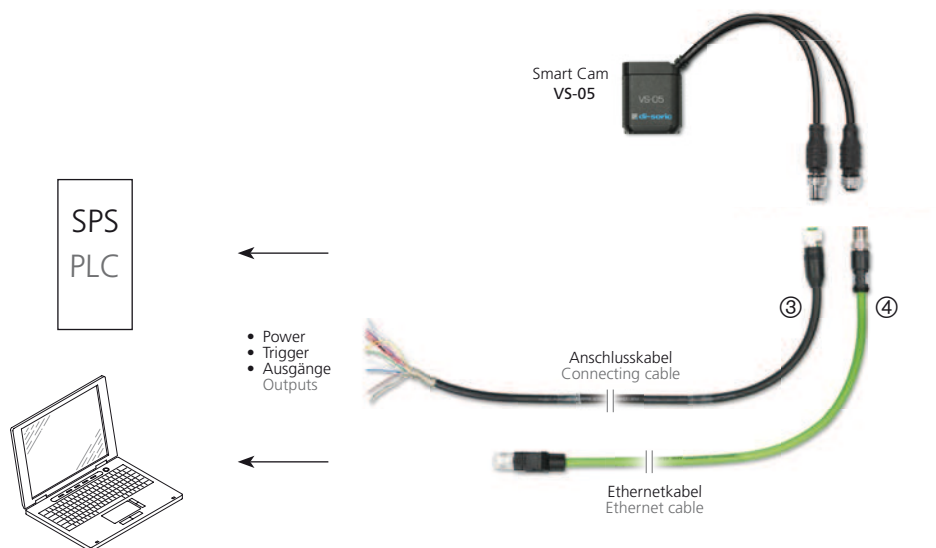


VS-05 Anschlussvarianten I/O-Ethernet / Connection variants I/O-Ethernet

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Benötigtes Zubehör / Required accessories		
①	Stecker M12 zu Buchse M12, 12-polig, 5 m / Connector M12 to socket M12, 12-poled, 5 m	VSM-Z-5/VKM-Z/12-A
②	Buchse M12, 12-polig zu Buchse Sub-D, 9-polig, 1 m / Socket M12, 12-poled to socket Sub-D, 9-poled, 1 m	VKHM-Z-1/12/DB9-K
③	Buchse M12, 12-polig zu offenem Ende, 5 m / Socket M12, 12-poled to open wire, 5 m	VKHM-Z-5/12-A
④	Ethernet: Stecker M12, 8-polig zu RJ45 Stecker, 5 m / Ethernet: connector M12, 8-poled to RJ45 plug, 5 m	VKHM-Z-5/RJ45
⑤	Interface Box 24 V DC	VSID-IB-ES
⑥	Netzgerät, Buchse M12, 12-polig, 24VDC / Power supply, socket M12, 12-poled, 24VDC	VSID-PS-24V-ES

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