

ADwin - Steckerbelegungen

Letzte Aktualisierung:

2017-03-01

Auf den folgende Seiten finden Sie die Buchsen- und Steckerbelegungen für alle **ADwin-light-16-**, **ADwin-Gold (II)-** und **ADwin-Pro (II)-**Systeme.

Wenn nicht anders angegeben, sind alle Verbinder als Buchsen ausgeführt.

Light-16 (Rev. A): EURO, EXT, PCI

L16{-CO1}
Stromversorgung
VG96 (Backplane)

L16-DIO1
Counter
CAN

Light-16 (Rev. B): EURO, EXT, PCI

L16{-CO1}{-PWM1}
LS-Bus
Stromversorgung
VG96 (Backplane)

L16-DIO1{-PWM1}
LS-Bus
Counter
CAN{-LS}

L16-DIO2{-PWM1}
LS-Bus
Counter

L16-DIO3{-CO1}{-PWM1}
LS-Bus
Counter

Gold mit ENET/USB (Rev. B)

Gold, Rev. B1: CONN. 1...4
Stromversorgung

Gold, Rev. B2: CONN. 1...4
Stromversorgung

Gold, Rev. ab B3: CONN. 1...4
Stromversorgung

Gold-D

ANALOG IN/OUT
DIO 00-15 (IN) / 16-31 (OUT)
Stromversorgung

CO1, ..., CO4, CO POWER IN
COM1, COM2
CAN{-LS}

Gold II

ANALOG IN, ANALOG OUT
DIO 00-15 (IN), DIO 16-31 (OUT)
CO1, ..., CO4, CO POWER IN
CO1&2 (TTL), CO3&4 (TTL)
PWM1-6 (TTL)
COM1, COM2, CAN1, CAN2
PROFIBUS DP-V1
LS1, LS2 (LS-Bus)
Stromversorgung

Pro: ADC/DAC-Module

Aln-32/1x (x = 2, 4, 6) (s.-e. / diff.)
Aln-8/1x-D (x = 2, 4, 6)
Aln-F-n/1x-D (n = 4, 8; x = 2, 4, 6)
Aln-16/14-C
AOut-n/16-D (n = 4, 8)
AO-16/8-12

Pro: DIO-Module

DIO-32 (Rev. A, Rev. B)
OPT-16
REL-16
TRA-16
PWM-4{-I}
COMP-16

OPT-16 (mit Phoenix-Verbinder)
TRA-16 (mit Phoenix-Verbinder)

Pro: Zähler-Module

CNT-VR4{-L}{-I}
CNT-16/16{-I}
CNT-8/32{-L/-I}

CO4{-T/-D/-I}
CNT-VR2PW2{-I}
CNT-PW4{-I}
CNT-16/32{-I}

Pro: EXT-Module

PT100 (Lemo), PT100-n-D (n = 4, 8)
TC-n-J{-K}-D (n = 4, 8, 16)
MB-8{-D}, 5B/8B Modulsocket

RS-232, RS-422, RS-485
CAN{-LS}
PROFI-DP-SL
LS-2
INTER-SL

Pro: Diverses

Pro-Mini (Stromversorgung)
Pro-DC (Stromversorgung)
VG96 (Backplane)

Pro II

Aln-32/18 (s.-e. / diff.)
Aln-8/18
Aln-16/18-8B
Aln-F-n/1x-D (n = 4, 8; x = 4, 6)
Aln-F-n/18-D (n = 4, 8)
Aln-16/18-C

RTD-8 (2/3/4 wire)
SG-4/18

AOut-n/16-D (n = 1, 4, 8)

OPT-16, OPT-32-24V
COMP-16
TRA-16{-G}
REL-16
DIO-32, DIO8-D12
PWM-16{-I}

MIO-4 (s.-e. / diff.)
MIO-4-ET1
MIO-D12

CNT{-T/-D/-I}

RS-232, RS-485, RS422-4
CAN{-LS}, LIN, FlexRay, PROFI-SL
ARINC-429
SENT-n{-OUT} (n = 4, 6)

SPI{-T/-D}

VG96 (Backplane)
Pro II-DC (Stromversorgung)

Adapter Sets (AS1-AS10)

AS1, AS2, AS3, AS4, AS5,
AS6, AS7, AS8, AS9, AS10

Cable Sets (CS1-CS11)

CS1, CS2, CS3, CS4, CS5,
CS6, CS7, CS8, CS9, CS10, CS11

Busse und Komm.-Schnittstellen

RS-232 (9- & 25-pol.), RS-4xx
USB
Ethernet (RJ-45)
ISA-Bus-Slot
PCI-Bus-Slot

Legende:

Die Signalbezeichnungen sind nach dem Zwiebschalenprinzip von innen nach außen aufgebaut, d.h. einer vorausgehenden Funktionseinheit (z.B. CNTR, SPI, SSI, ...) folgt die genauere Signalbeschreibung. Bei differentiellen Signalen erfolgt dazwischen eine Angabe der Polarität, während bei asymmetrischen (single-ended) Signalen die Signalbeschreibung in eckigen Klammern unmittelbar auf die Funktionseinheit folgt.

, Trennt Signale, die gleichzeitig an diesem Pin zur Verfügung stehen.

/ Trennt Signale, die nicht(!) gleichzeitig zur Verfügung stehen - ODER-Funktion - d.h. sich durch Hardware-Erweiterungen ergeben oder mittels Software selektiert werden können.

(+) Positiver oder „+“-Eingang bei differentiellen Eingängen.

(-) Negativer oder „-“-Eingang bei differentiellen Eingängen.

[] Beinhaltet den Signalnamen bei asymmetrischem (single-ended) Eingang, wenn er zu einer Funktionseinheit gehört.

() Beinhaltet einen Signalnamen, der nur optional (d.h. durch eine eingebaute Erweiterung) zur Verfügung steht.

+5Vout <0,1A	40	39	reserviert
reserviert	38	37	+5Vout <0,1A
	36	35	reserviert
	34	33	DGND
EVENT IN	32	31	DIGIN 5, CNTR 2 [CLK]
DIGOUT 5	30	29	DIGIN 4, CNTR 1 [CLK]
DIGOUT 4	28	27	DIGIN 3
DIGOUT 3	26	25	DIGIN 2
DIGOUT 2	24	23	DIGIN 1
DIGOUT 1	22	21	DIGIN 0
DIGOUT 0	20	19	ADC 11 (+)
(-) ADC 11	18	17	ADC 09 (+)
(-) ADC 09	16	15	ADC 07 (+)
(-) ADC 07	14	13	ADC 05 (+)
(-) ADC 05	12	11	ADC 03 (+)
(-) ADC 03	10	9	ADC 01 (+)
(-) ADC 01	8	7	ADC 15 (+)
(-) ADC 15	6	5	ADC 13 (+)
(-) ADC 13	4	3	DAC 2
AGND DAC	2	1	DAC 1

L16

(optionale Pfostenleiste zur int. Verdrahtung - D-Sub Buchse entfällt)

reserviert	37	19	+5Vout <0,1A
-12Vout <0,1A	36	18	+12Vout <0,1A
EVENT IN	35	17	DGND
DIGOUT 5	34	16	DIGIN 5, CNTR 2 [CLK]
DIGOUT 4	33	15	DIGIN 4, CNTR 1 [CLK]
DIGOUT 3	32	14	DIGIN 3
DIGOUT 2	31	13	DIGIN 2
DIGOUT 1	30	12	DIGIN 1
DIGOUT 0	29	11	DIGIN 0
(-) ADC 11	28	10	ADC 11 (+)
(-) ADC 09	27	9	ADC 09 (+)
(-) ADC 07	26	8	ADC 07 (+)
(-) ADC 05	25	7	ADC 05 (+)
(-) ADC 03	24	6	ADC 03 (+)
(-) ADC 01	23	5	ADC 01 (+)
(-) ADC 15	22	4	ADC 15 (+)
(-) ADC 13	21	3	ADC 13 (+)
AGND DAC	20	2	DAC 2
		1	DAC 1

L16-PCI

	c	b	a	b	c
1			+5V *	+5V *	+5V *
2			-	-	-
3			-	-	-
4			-	-	-
5			-	-	-
6			-	-	-
7			-	-	-
8			-	-	-
9			-	-	-
10			-	-	-
11			-	-	-
12			-	-	-
13			-	-	-
14			-	-	-
15			-	-	-
16			-	-	-
17			-	-	-
18			-	-	-
19			-	-	-
20			-	-	-
21			-	-	-
22			-	-	-
23			-	-	-
24			-	-	-
25			-	-	-
26			-	-	-
27			-	-	-
28			-	-	-
29			-	-	-
30			-	-	-
31			-	-	-
32			DGND *	DGND *	DGND *
	a	b	c		

L16-EURO: VG96

* standard - Position jedoch änderbar

+5Vout <0,1A	40	39	reserviert
reserviert	38	37	+5Vout <0,1A
	36	35	reserviert
	34	33	DGND
EVENT IN	32	31	DIGIN 5, CNTR 1 [B]
DIGOUT 5	30	29	DIGIN 4, CNTR 1 [A]
DIGOUT 4	28	27	DIGIN 3
DIGOUT 3	26	25	DIGIN 2
DIGOUT 2	24	23	DIGIN 1
DIGOUT 1	22	21	DIGIN 0
DIGOUT 0	20	19	ADC 11 (+)
(-) ADC 11	18	17	ADC 09 (+)
(-) ADC 09	16	15	ADC 07 (+)
(-) ADC 07	14	13	ADC 05 (+)
(-) ADC 05	12	11	ADC 03 (+)
(-) ADC 03	10	9	ADC 01 (+)
(-) ADC 01	8	7	ADC 15 (+)
(-) ADC 15	6	5	ADC 13 (+)
(-) ADC 13	4	3	DAC 2
AGND DAC	2	1	DAC 1

L16-CO1

(optionale Pfostenleiste zur int. Verdrahtung - D-Sub-Buchse entfällt)

reserviert	37	19	+5Vout <0,1A
-12Vout <0,1A	36	18	+12Vout <0,1A
EVENT IN	35	17	DGND
DIGOUT 5	34	16	DIGIN 5, CNTR 1 [B]
DIGOUT 4	33	15	DIGIN 4, CNTR 1 [A]
DIGOUT 3	32	14	DIGIN 3
DIGOUT 2	31	13	DIGIN 2
DIGOUT 1	30	12	DIGIN 1
DIGOUT 0	29	11	DIGIN 0
(-) ADC 11	28	10	ADC 11 (+)
(-) ADC 09	27	9	ADC 09 (+)
(-) ADC 07	26	8	ADC 07 (+)
(-) ADC 05	25	7	ADC 05 (+)
(-) ADC 03	24	6	ADC 03 (+)
(-) ADC 01	23	5	ADC 01 (+)
(-) ADC 15	22	4	ADC 15 (+)
(-) ADC 13	21	3	ADC 13 (+)
AGND DAC	20	2	DAC 2
		1	DAC 1

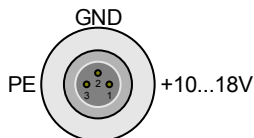
L16-PCI-CO1

reserviert	37	19	+5Vout <0,1A
reserviert	36	18	reserviert
EVENT IN	35	17	DGND
DIGOUT 5	34	16	DIGIN 5, CNTR 2 [CLK]
DIGOUT 4	33	15	DIGIN 4, CNTR 1 [CLK]
DIGOUT 3	32	14	DIGIN 3
DIGOUT 2	31	13	DIGIN 2
DIGOUT 1	30	12	DIGIN 1
DIGOUT 0	29	11	DIGIN 0
(-) ADC 11	28	10	ADC 11 (+)
(-) ADC 09	27	9	ADC 09 (+)
(-) ADC 07	26	8	ADC 07 (+)
(-) ADC 05	25	7	ADC 05 (+)
(-) ADC 03	24	6	ADC 03 (+)
(-) ADC 01	23	5	ADC 01 (+)
(-) ADC 15	22	4	ADC 15 (+)
(-) ADC 13	21	3	ADC 13 (+)
AGND DAC	20	2	DAC 2
		1	DAC 1

L16-EURO/EXT

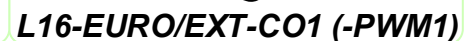
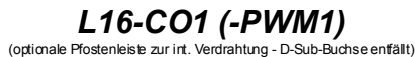
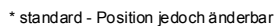
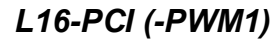
reserviert	37	19	+5Vout <0,1A
reserviert	36	18	reserviert
EVENT IN	35	17	DGND
DIGOUT 5	34	16	DIGIN 5, CNTR 1 [B]
DIGOUT 4	33	15	DIGIN 4, CNTR 1 [A]
DIGOUT 3	32	14	DIGIN 3
DIGOUT 2	31	13	DIGIN 2
DIGOUT 1	30	12	DIGIN 1
DIGOUT 0	29	11	DIGIN 0
(-) ADC 11	28	10	ADC 11 (+)
(-) ADC 09	27	9	ADC 09 (+)
(-) ADC 07	26	8	ADC 07 (+)
(-) ADC 05	25	7	ADC 05 (+)
(-) ADC 03	24	6	ADC 03 (+)
(-) ADC 01	23	5	ADC 01 (+)
(-) ADC 15	22	4	ADC 15 (+)
(-) ADC 13	21	3	ADC 13 (+)
AGND DAC	20	2	DAC 2
		1	DAC 1

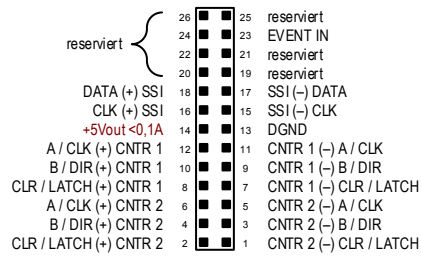
L16-EURO/EXT-CO1



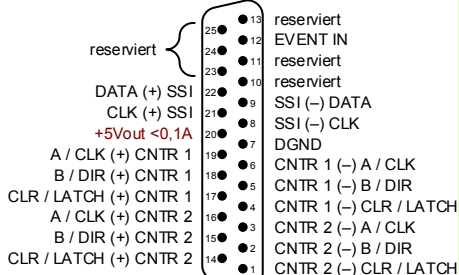
L16- Stromversorgung (Stecker)



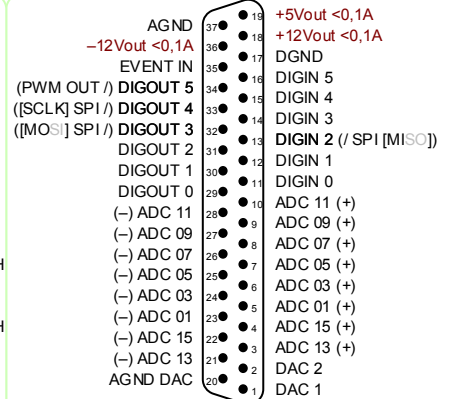




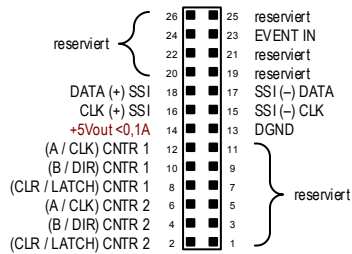
L16-DIO1: Counter (diff.)
(Pfofenfeldstecker)



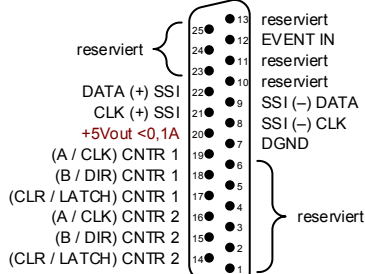
L16-DIO1: Counter (diff.)



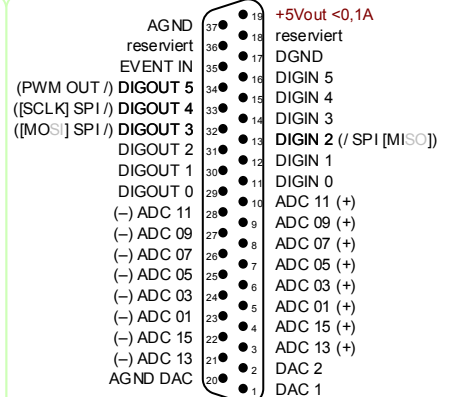
L16-PCI-DIO1 (-PWM1)



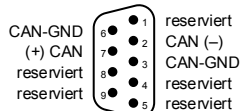
L16-DIO1: Counter (s.-e.)
(Pfofenfeldstecker)



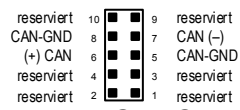
L16-DIO1: Counter (s.-e.)



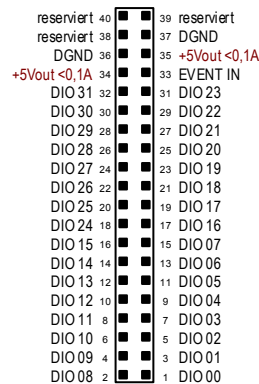
L16-EURO/EXT-DIO1 (-PWM1)



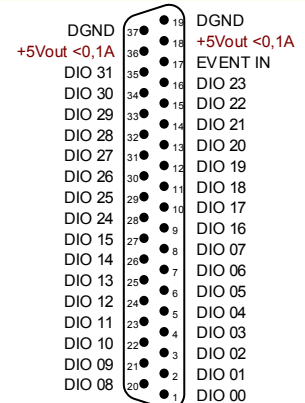
L16-DIO1: CAN
(Stecker)



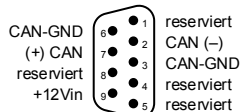
L16-DIO1: CAN
(Pfofenfeldstecker)



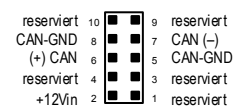
L16-DIO1: DIO
(Pfofenfeldstecker)



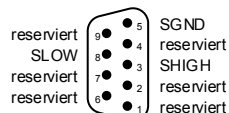
L16-DIO1: DIO



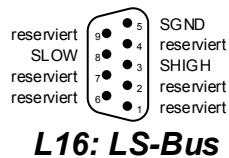
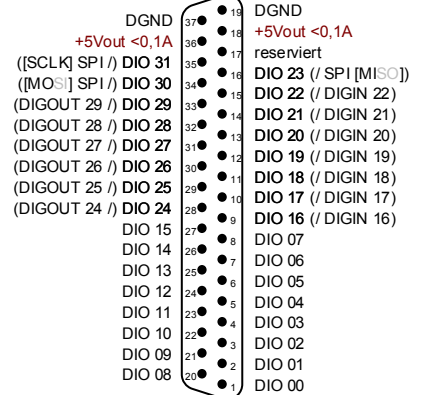
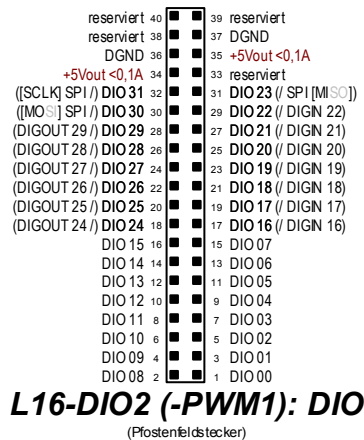
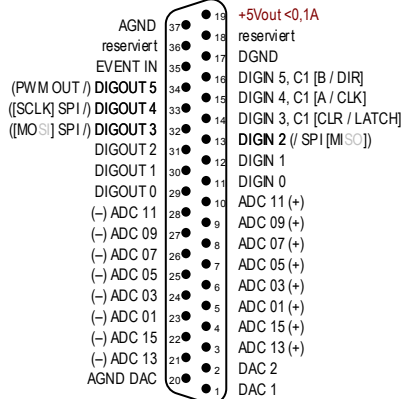
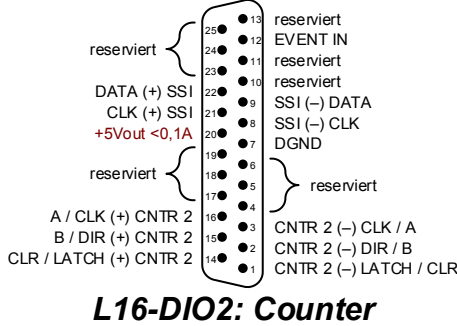
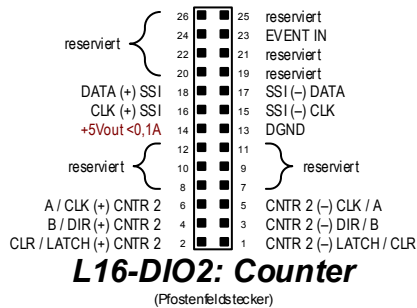
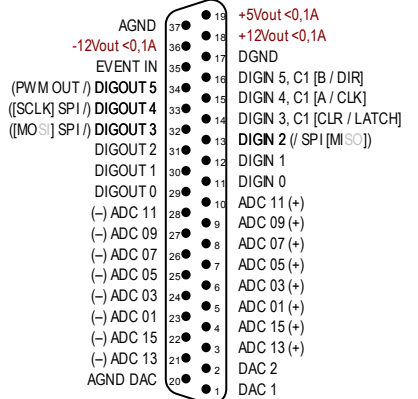
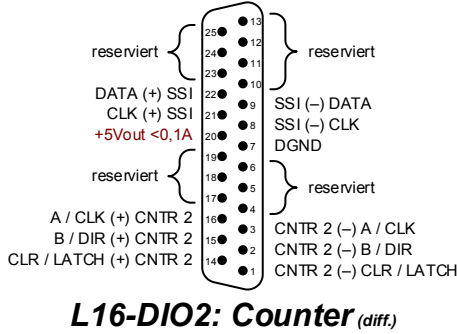
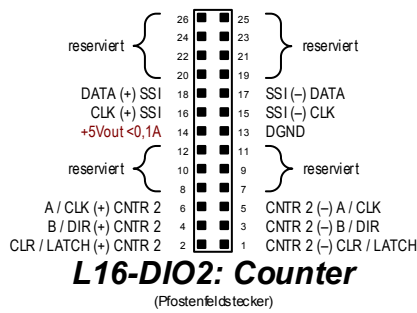
L16-DIO1-LS: CAN-LS
(Stecker)

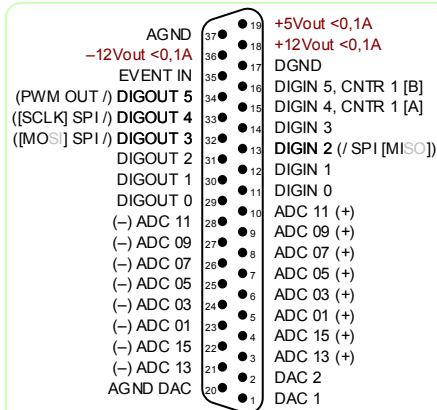


L16-DIO1-LS: CAN-LS
(Pfofenfeldstecker)

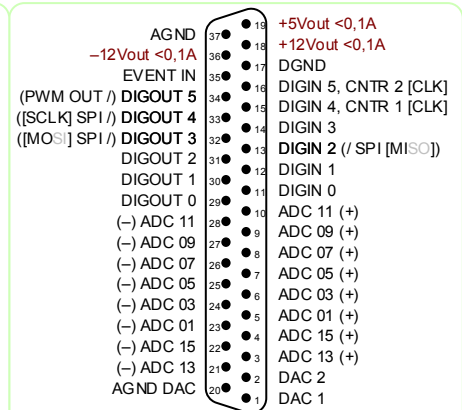


L16: LS-Bus

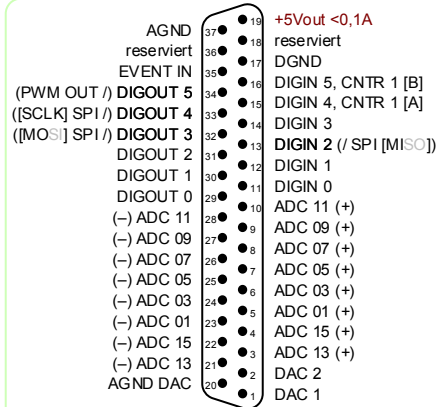




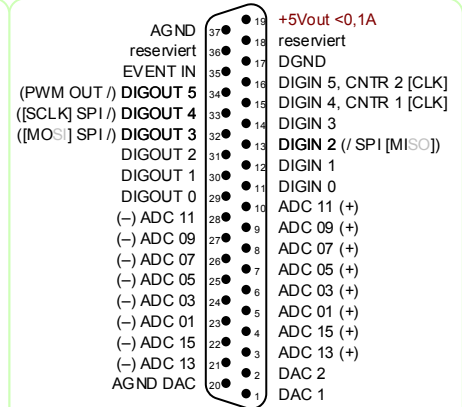
L16-PCI-CO1-DIO3 (-PWM1)



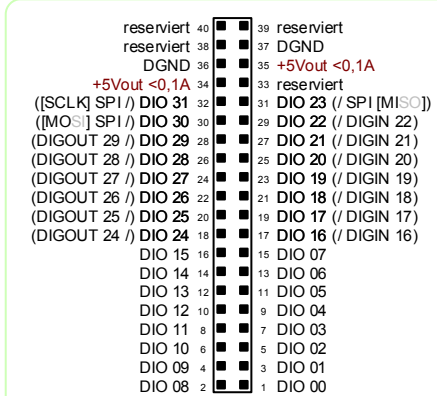
L16-PCI-DIO3 (-PWM1)



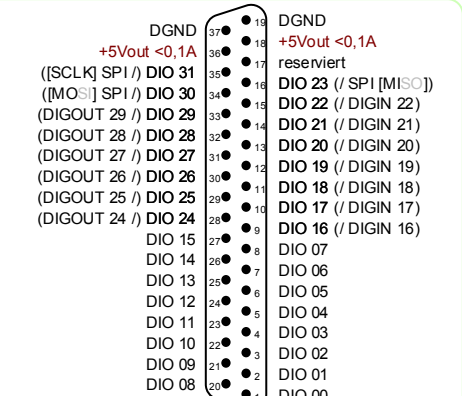
L16-EURO/EXT-CO1-DIO3 (-PWM1)



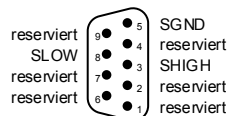
L16-EURO/EXT-DIO3 (-PWM1)



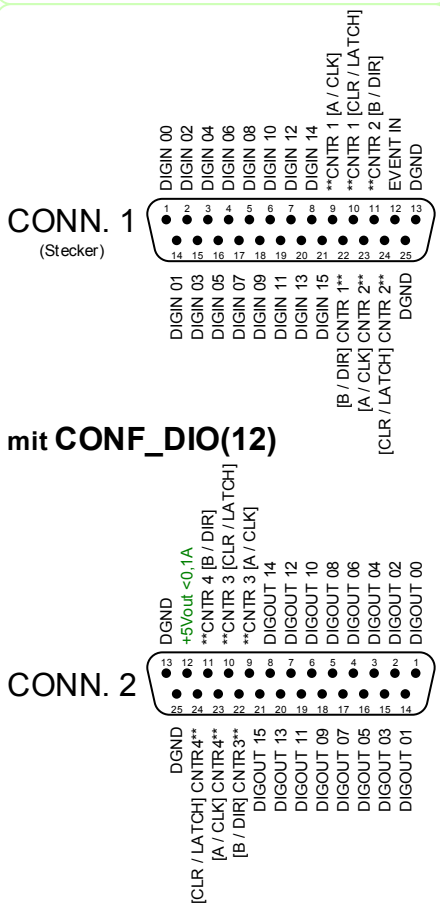
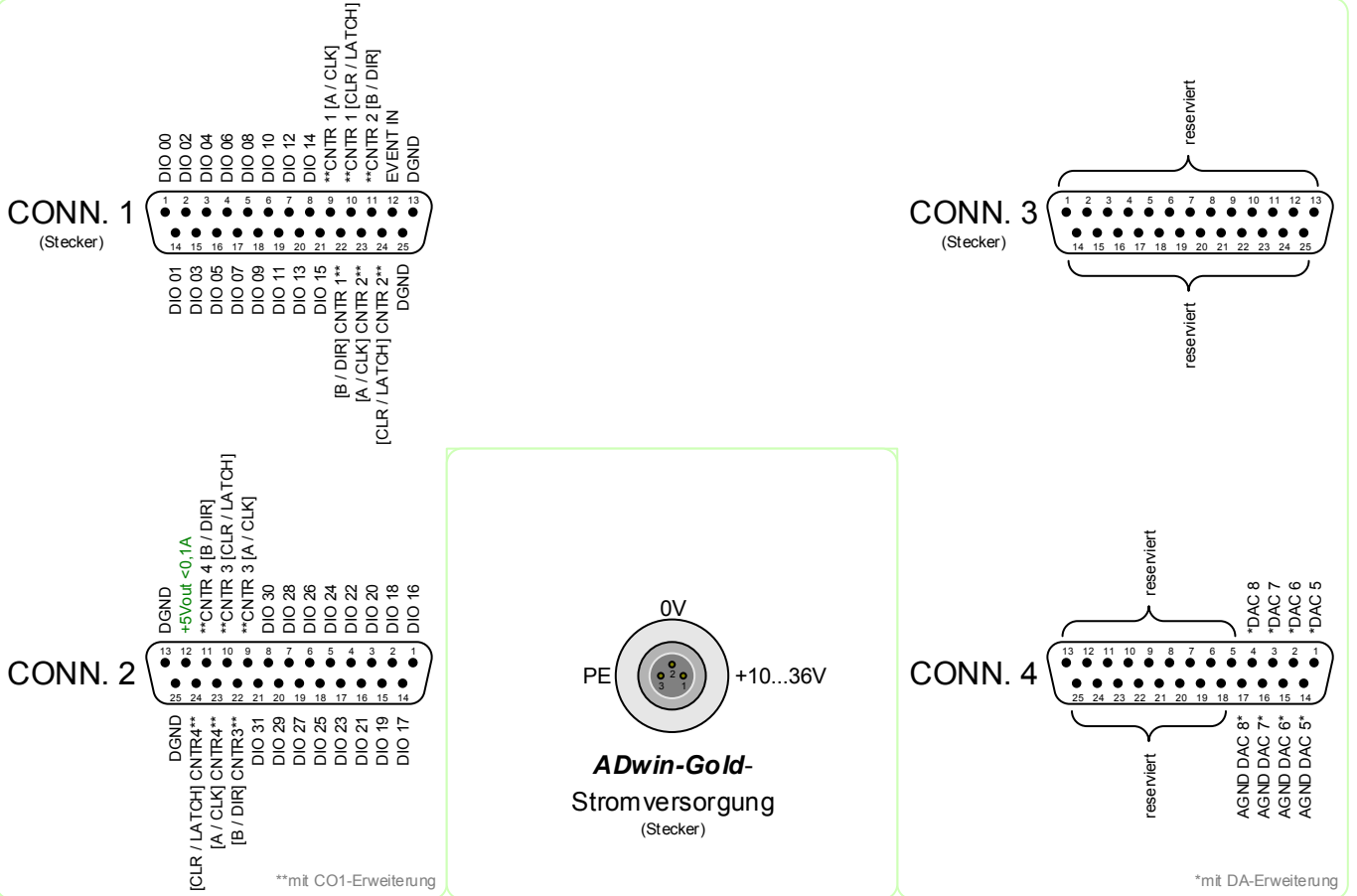
L16-DIO3 (-PWM1): DIO
(Pfostenfeldstecker)

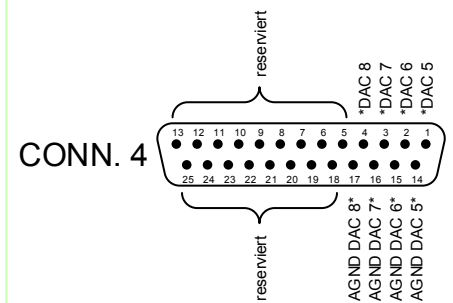
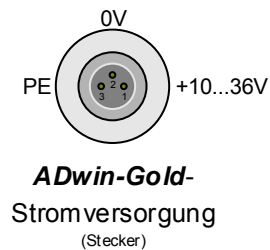
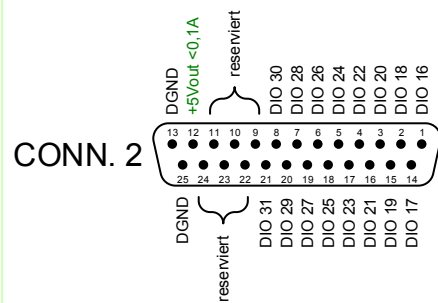
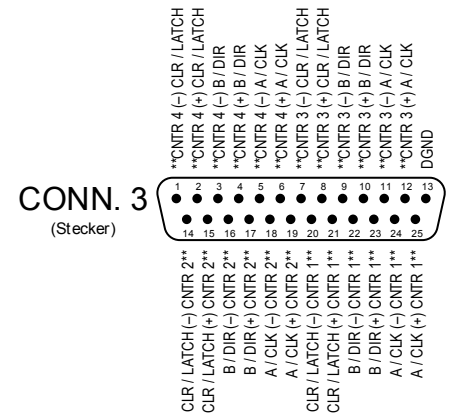
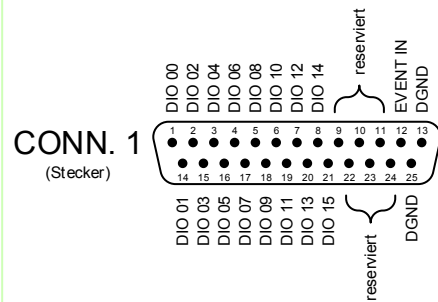


L16-DIO3 (-PWM1): DIO



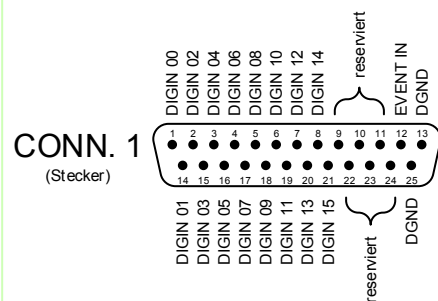
L16: LS-Bus



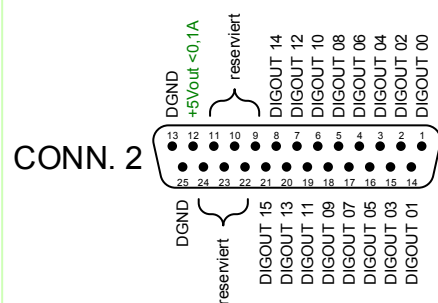


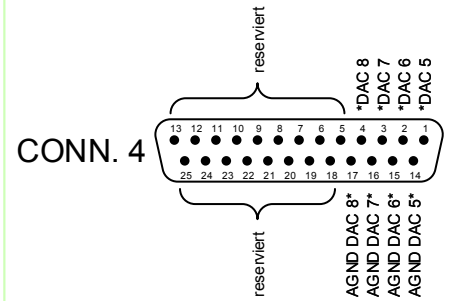
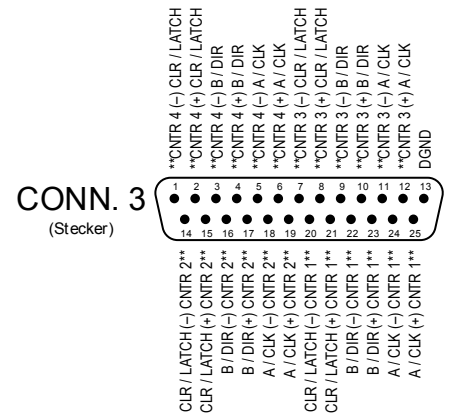
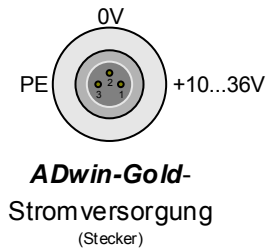
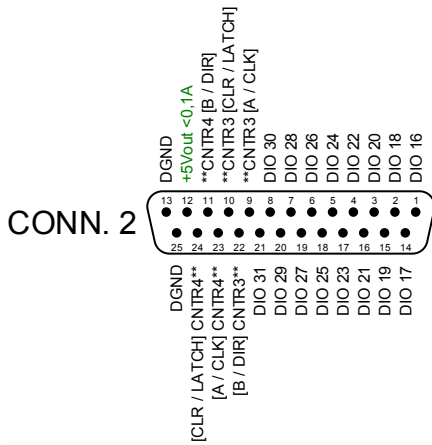
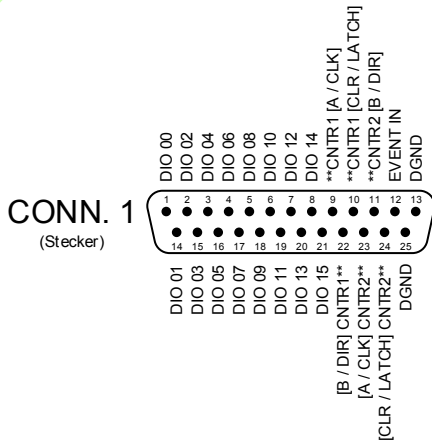
*mit DA-Erweiterung

**mit CO1-Erweiterung



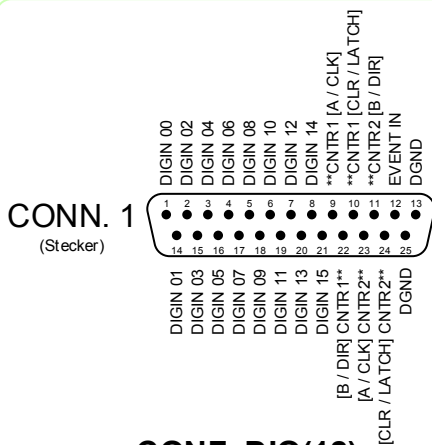
mit **CONF_DIO(12)**



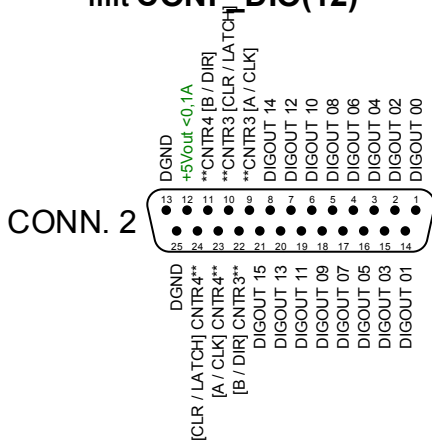


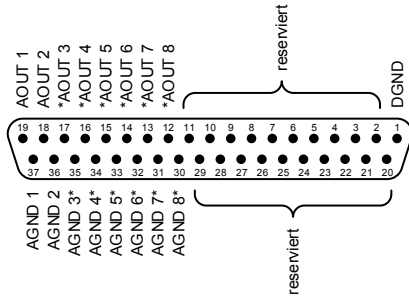
*mit DA-Erweiterung

**mit CO1-Erweiterung



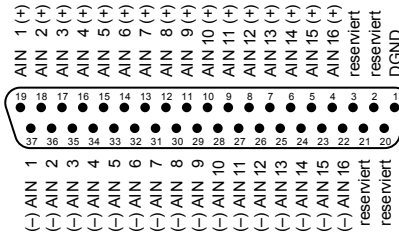
mit **CONF_DIO(12)**



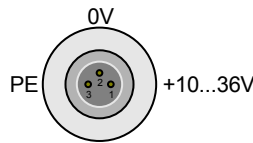


ANALOG OUT

*mit DA-Erweiterung

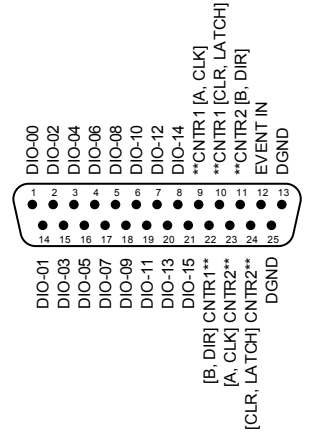


ANALOG IN

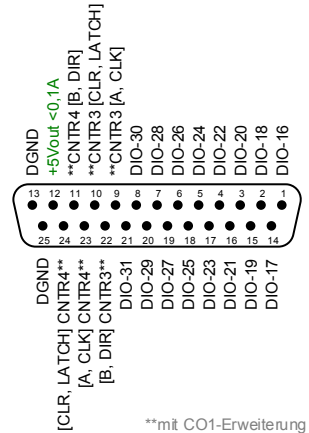


ADwin-Gold- Stromversorgung (Stecker)

DIO 00-15 (AIN) (Stecker)

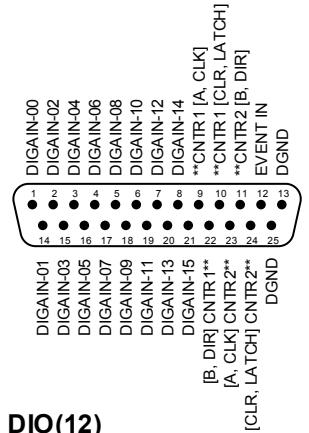


DIO 16-31 (OUT)



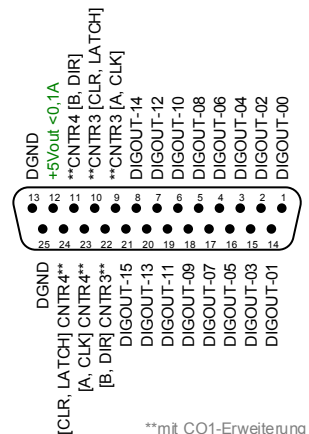
**mit CO1-Erweiterung

DIO 00-15 (AIN) (Stecker)

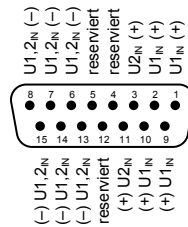


mit CONF_DIO(12)

DIO 16-31 (OUT)

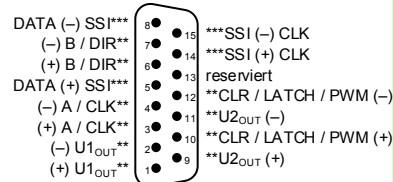


**mit CO1-Erweiterung

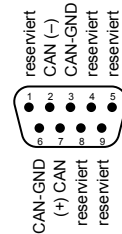


****CO POWER IN**

mit CO1-Erweiterung *mit CAN-Erweiterung

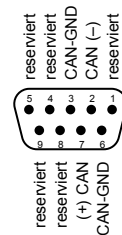


****CO1, ..., CO4**
(Stecker)

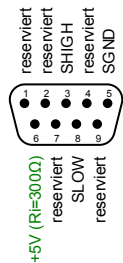


*****CAN 1.1 & ***CAN 2**
(Stecker)

***mit CAN-Erweiterung

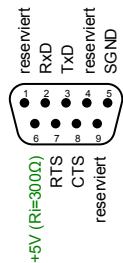


*****CAN 1.2**

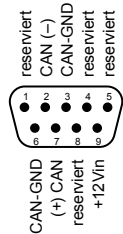


*****COM1, ***COM2**
(RS485) (Stecker)

***mit CAN-Erweiterung

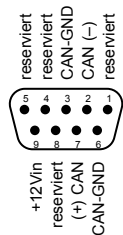


*****COM1, ***COM2**
(RS232) (Stecker)

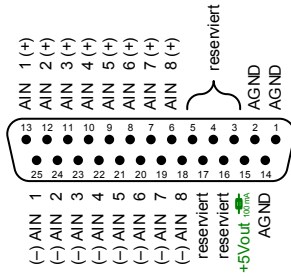


*****CAN-LS 1.1 & 2**
(Stecker)

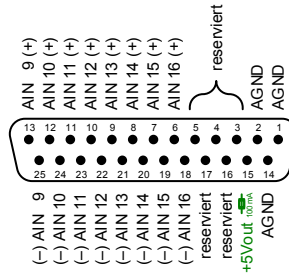
***mit CAN-Erweiterung



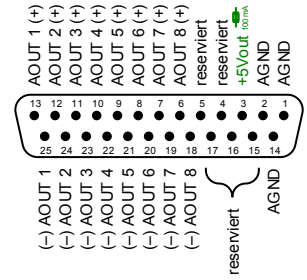
*****CAN LS 1.2**



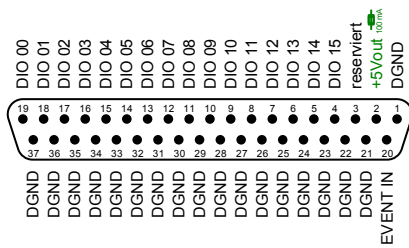
ANALOG IN (1-8)



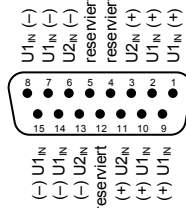
ANALOG IN (9-16)



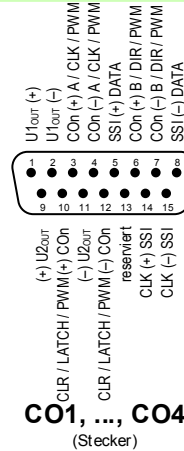
ANALOG OUT



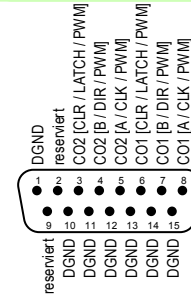
DIO 00-15 (IN)



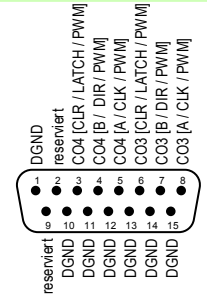
CO POWER IN



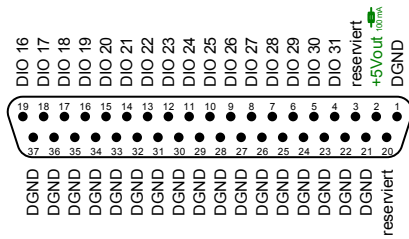
CO1, ..., CO4
(Stecker)



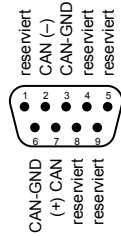
CO1&CO2 (TTL)
(Stecker)



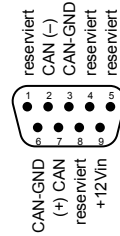
CO3&CO4 (TTL)
(Stecker)



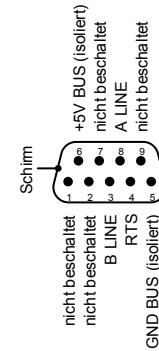
DIO 16-31 (OUT)



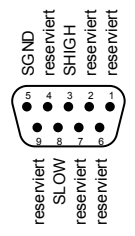
CAN 1&2
(Stecker)



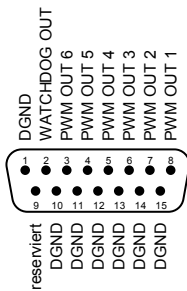
CAN-LS 1&2
(Stecker)



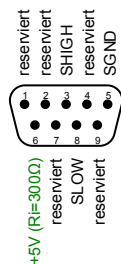
PROFIBUS DP-V1



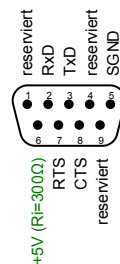
LS 1&2



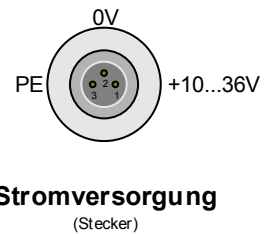
PWM1-6 (TTL)
(Stecker)



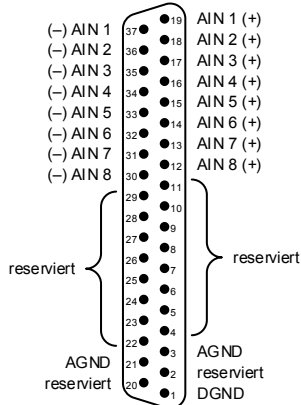
COM1, COM2
(RS485) (Stecker)



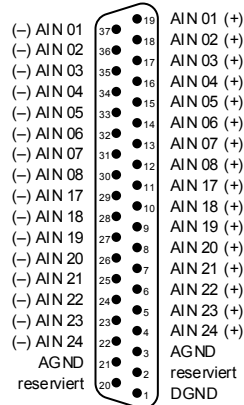
COM1, COM2
(RS232) (Stecker)



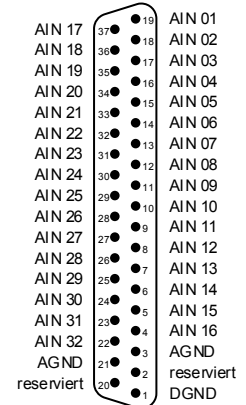
Stromversorgung
(Stecker)



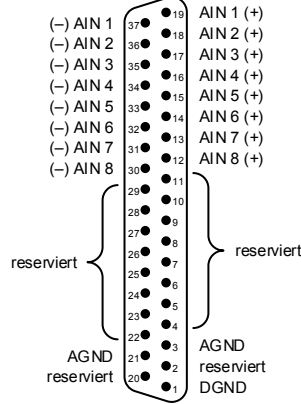
AIn-8/1x-D (mit x=2, 4, 6)



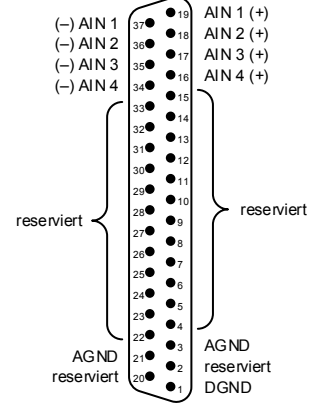
AIn-32/1x diff. (mit x=2, 4, 6)



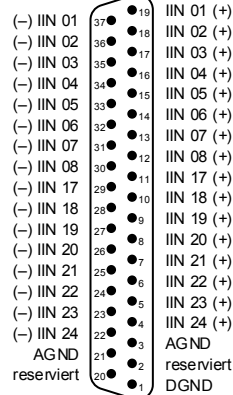
AIn-32/1x s.-e. (mit x=2, 4, 6)



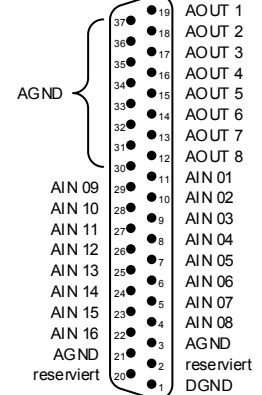
AIn-F-8/1x-D (mit x=2, 4, 6)



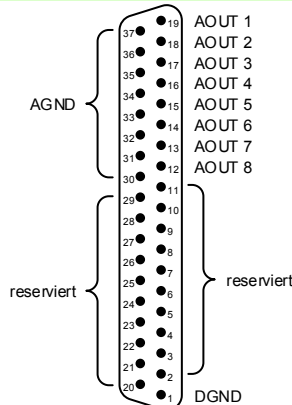
AIn-F-4/1x-D (mit x=2, 4, 6)



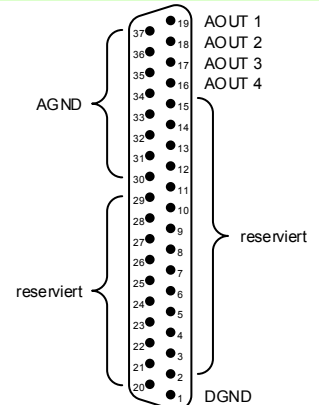
AIn-16/14-C



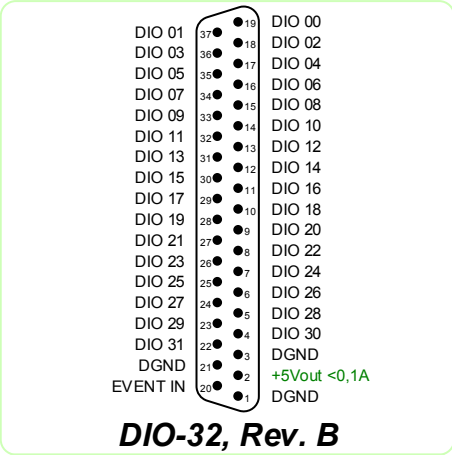
AO-16/8-12



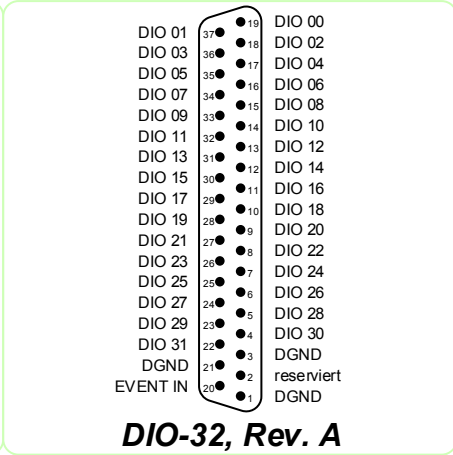
AOut-8/16-D



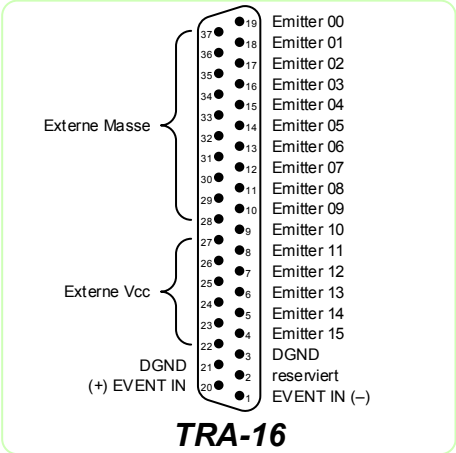
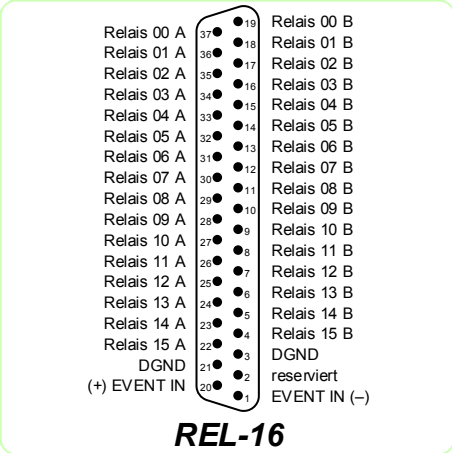
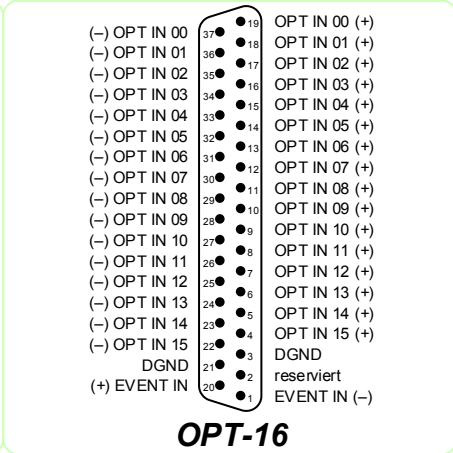
AOut-4/16-D



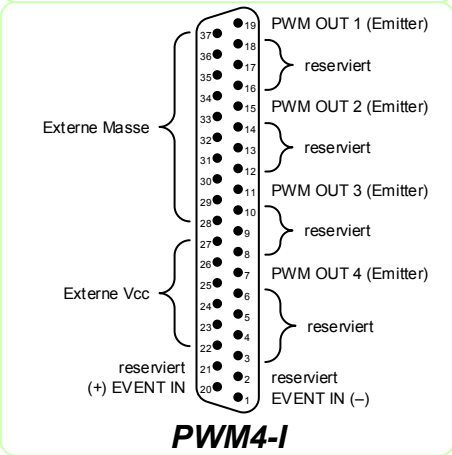
DIO-32, Rev. B



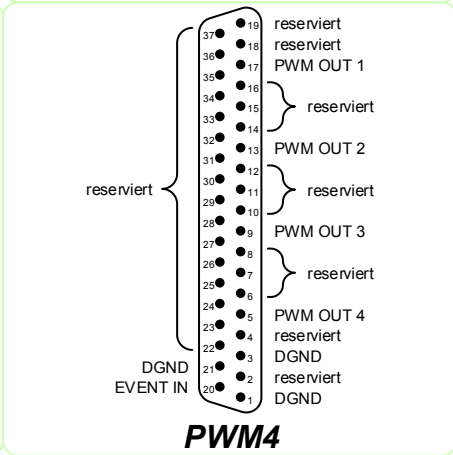
DIO-32, Rev. A

**TRA-16****REL-16**

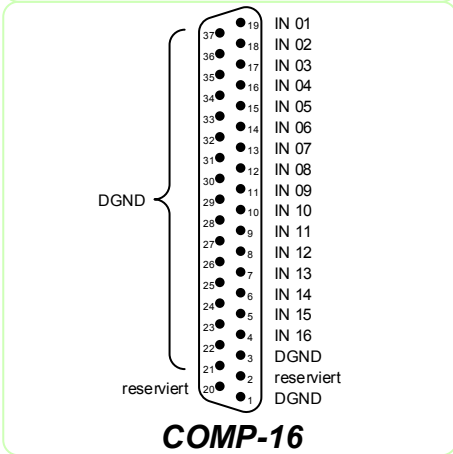
OPT-16

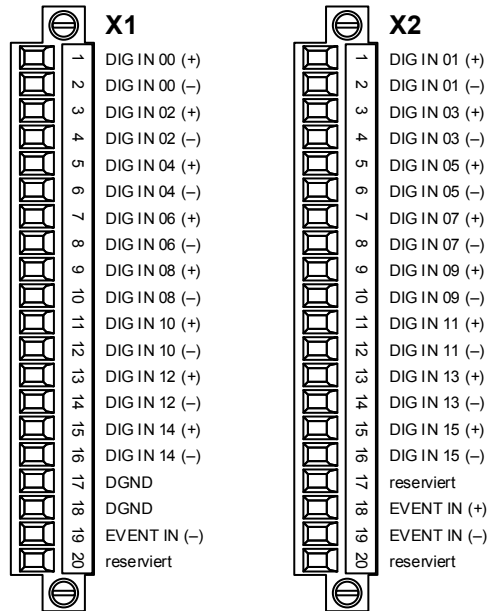


PWM4-I



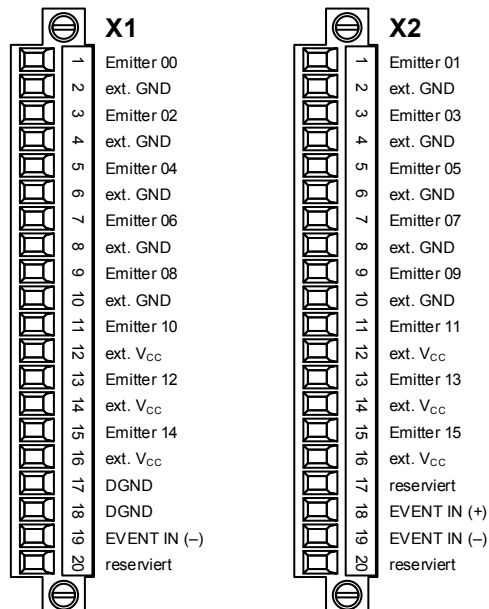
PWM4

**COMP-16**



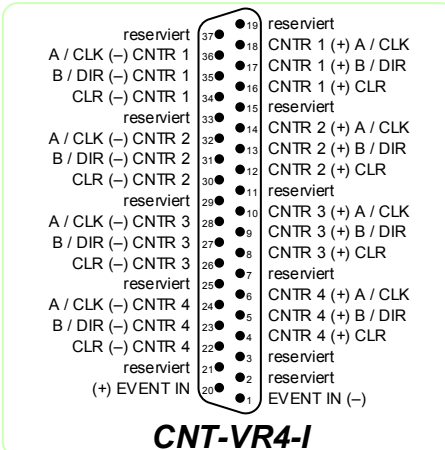
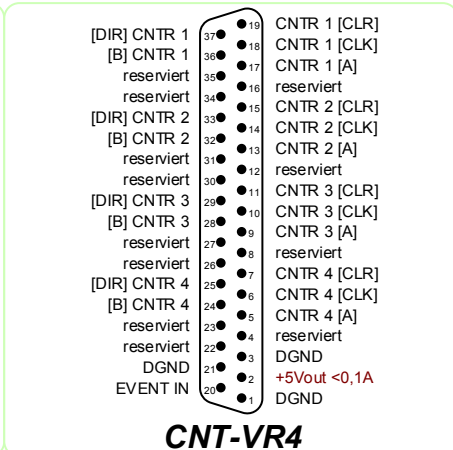
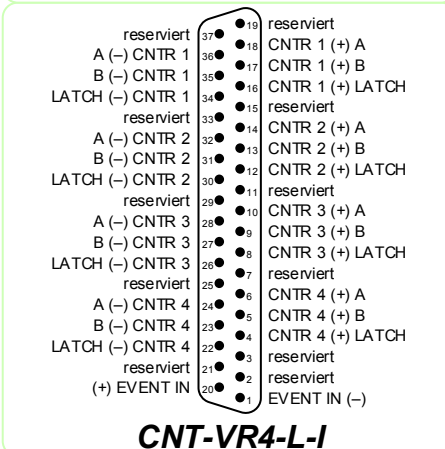
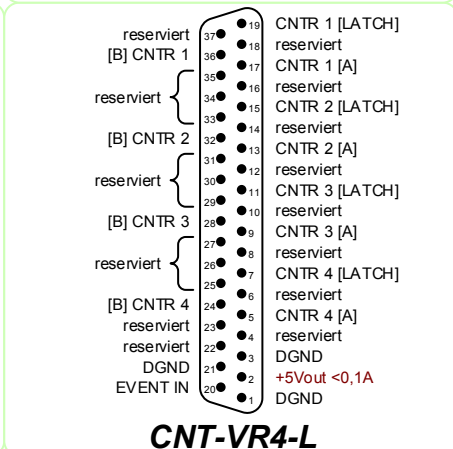
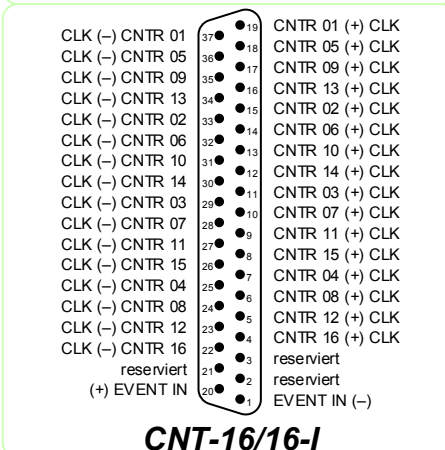
OPT-16

Einbaustecker: Phoenix, MCV 1,5/20-GF-3,5
Gegenstecker: Phoenix, MC 1,5/20-STF-3,5

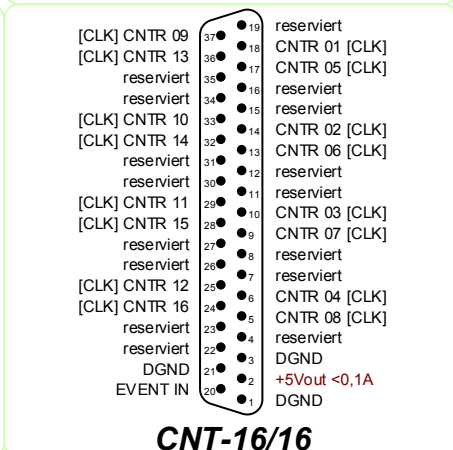
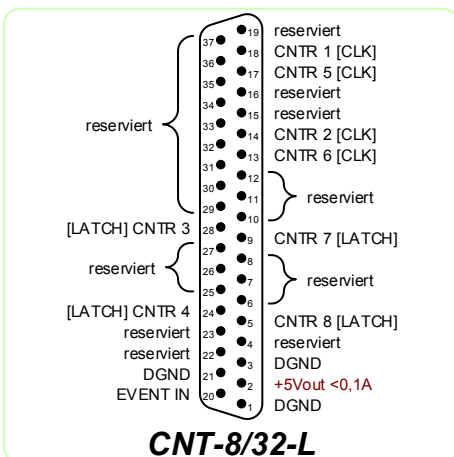
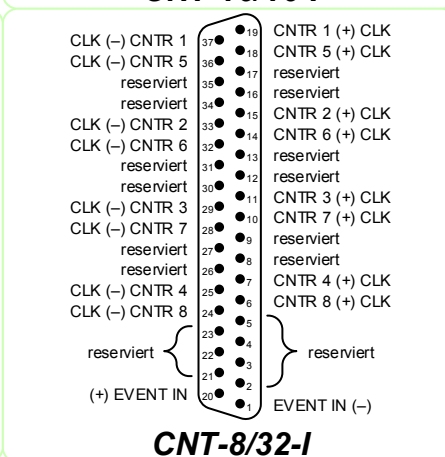
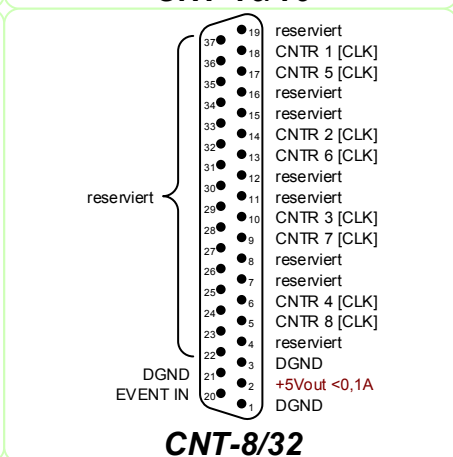


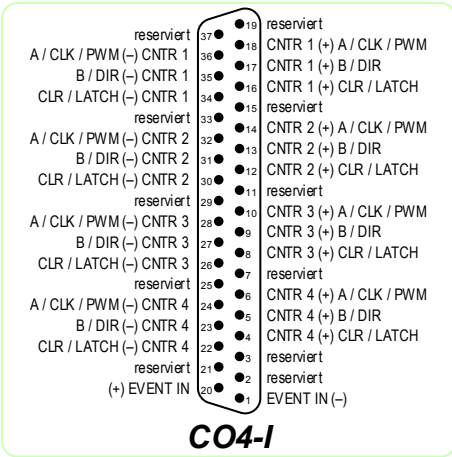
TRA-16

Einbaustecker: Phoenix, MCV 1,5/20-GF-3,5
Gegenstecker: Phoenix, MC 1,5/20-STF-3,5

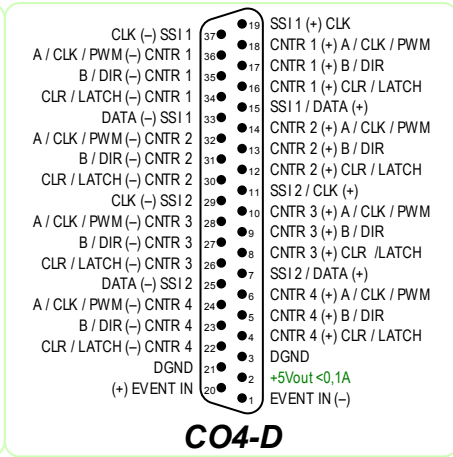
**CNT-VR4-I****CNT-VR4****CNT-VR4-L-I****CNT-VR4-L**

CNT-16/16-I

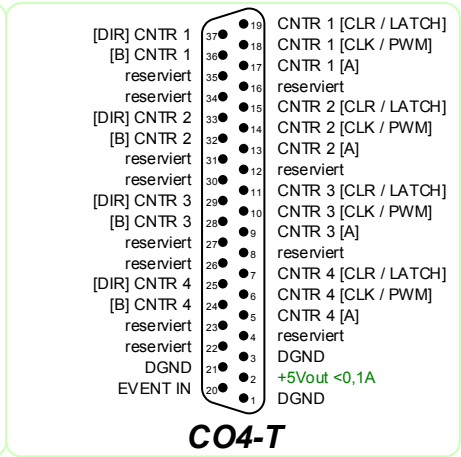
**CNT-16/16****CNT-8/32-L****CNT-8/32-I****CNT-8/32**



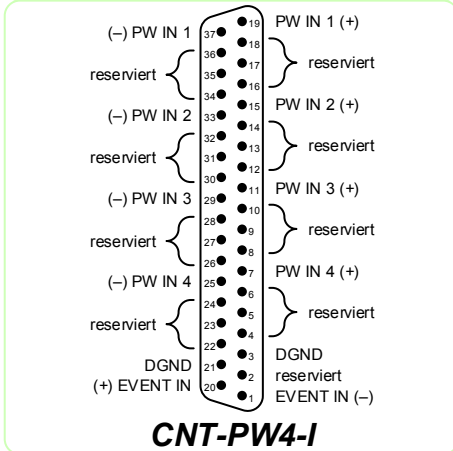
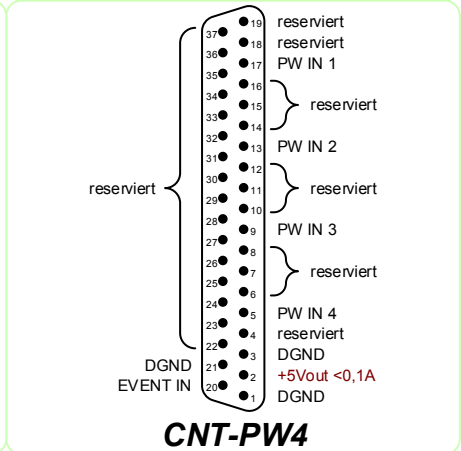
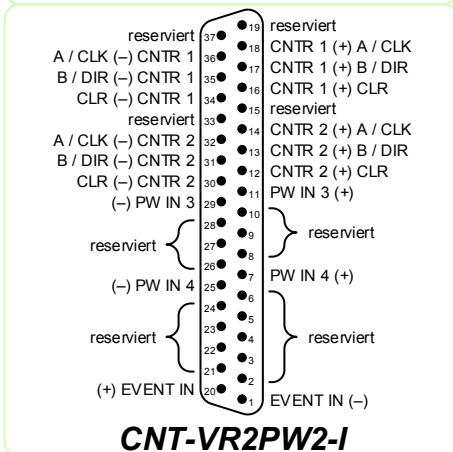
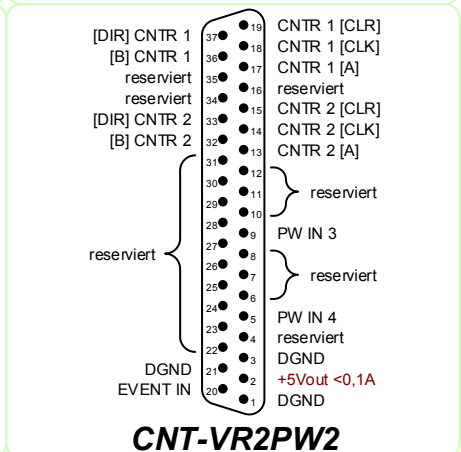
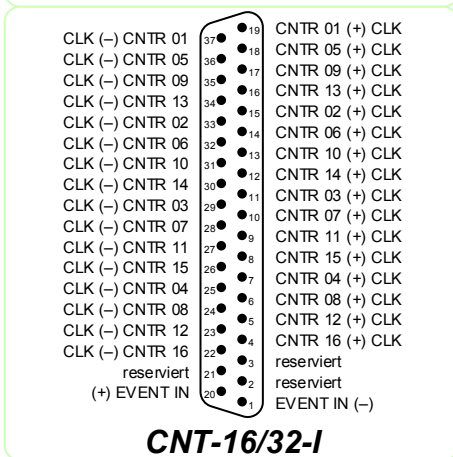
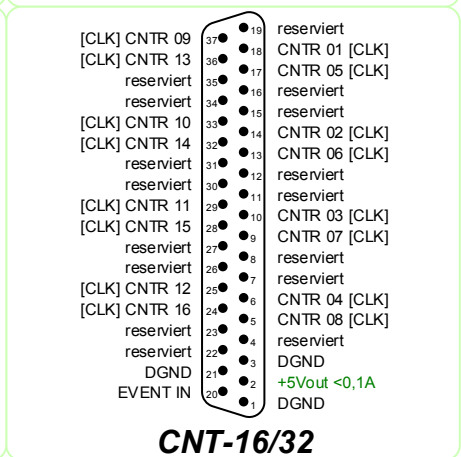
CO4-I

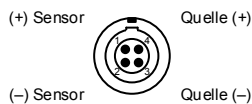


CO4-D



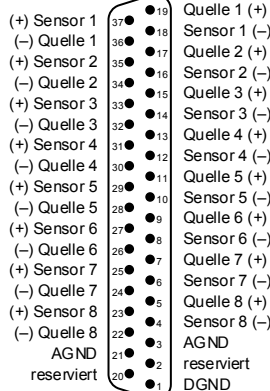
CO4-T

**CNT-PW4-I****CNT-PW4****CNT-VR2PW2-I****CNT-VR2PW2****CNT-16/32-I****CNT-16/32**

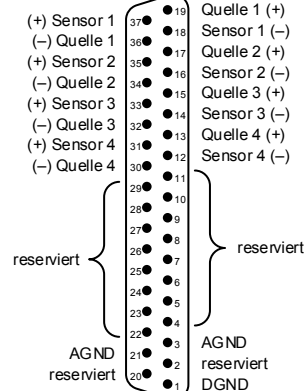


PT100

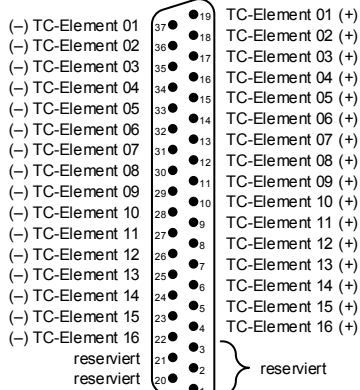
passender Kabel-Stecker:
LEMO, Serie B, Typ FGG



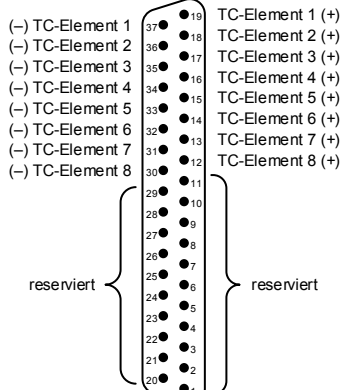
PT100-8-D



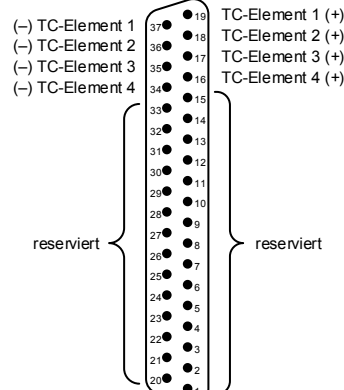
PT100-4-D



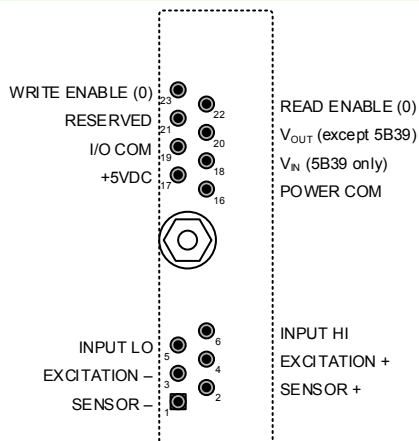
TC-16-J(K)-D



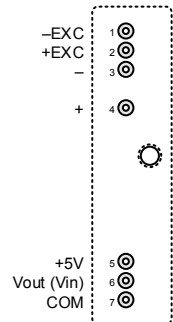
TC-8-J(K)-D



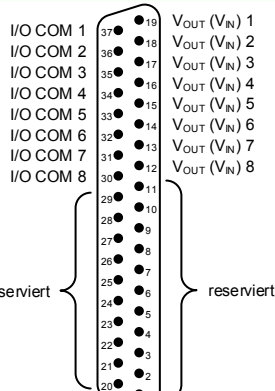
TC-4-J(K)-D



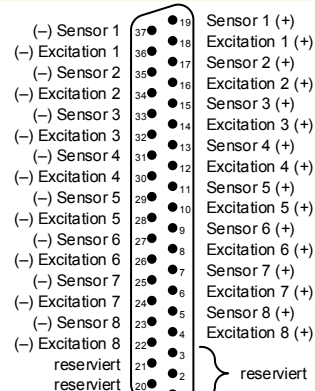
5B Modul-Sockel (Standardbezeichnung)



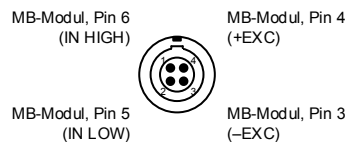
8B Modul-Sockel (Standardbezeichnung)



MB-8-?D Modul-Ausgang

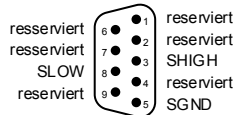


MB-8-D? Modul-Eingang



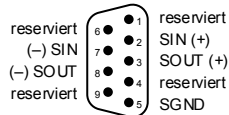
MB-8-L?

passender Kabel-Stecker:
LEMO, Serie B, Typ FGG



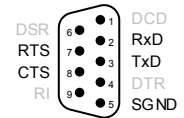
RS-485
(Stecker)

RS485-Legende:
SHIGH - Signal High
SGND - Signal Ground
SLOW - Signal Low



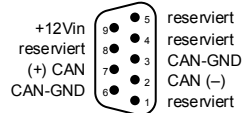
RS-422
(Stecker)

RS422-Legende:
SIN - Signal In
SOUT - Signal Out
SGND - Signal Ground

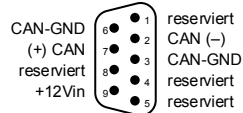


RS-232
(Stecker)

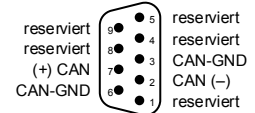
RS232-Legende:
DCD - Data Carrier Detect
RxD - Receive Data
TxD - Transmit Data
DTR - Data Terminal Ready
SGND - Signal Ground
DSR - Data Set Ready
RTS - Request To Send
CTS - Clear To Send
RI - Ring Indicator



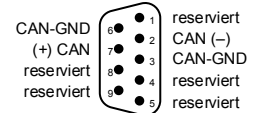
CAN-LS



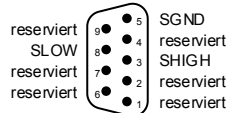
CAN-LS
(Stecker)



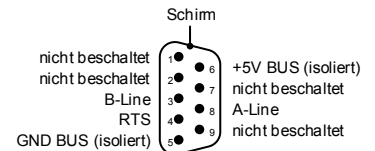
CAN



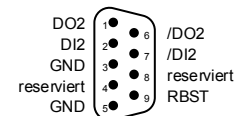
CAN
(Stecker)



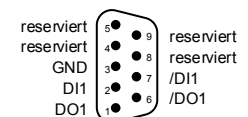
LS-2



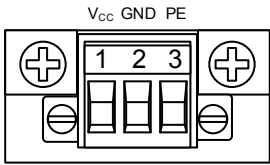
PROFI-DP-SL



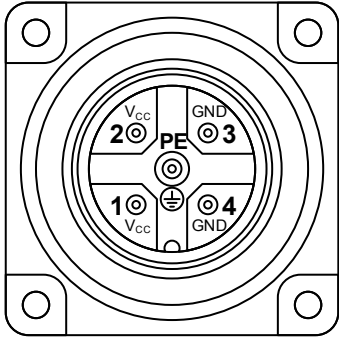
INTER-SL
(BUS-OUT)



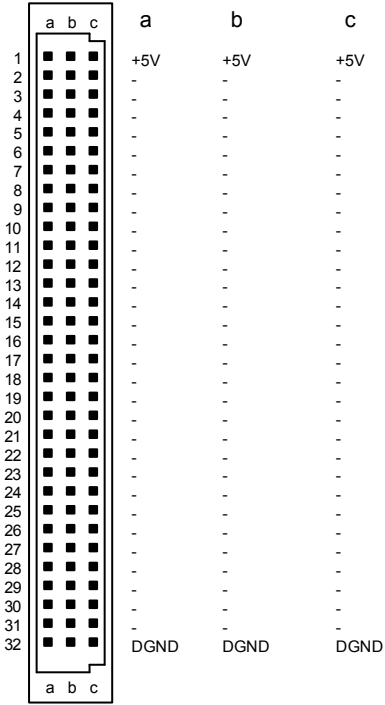
INTER-SL
(BUS-IN, Stecker)



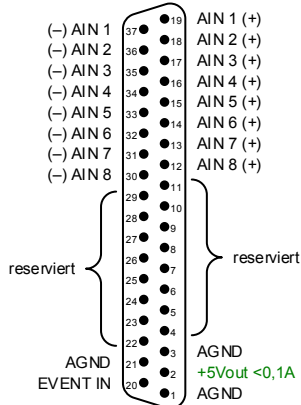
Pro-Mini (Stromversorgung)



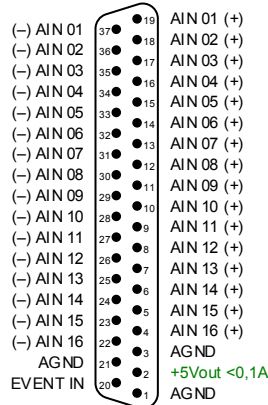
Pro-DC-Stecker (Stromversorgung)



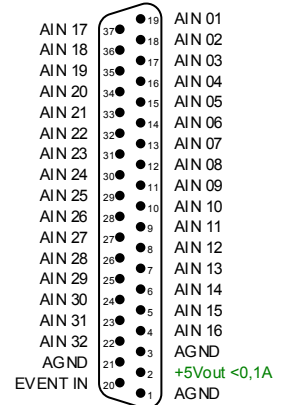
ADwin-Pro, VG96
(Backplane)



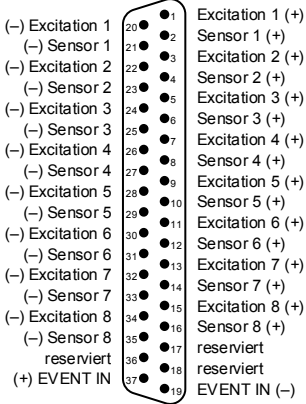
AIN-8/18



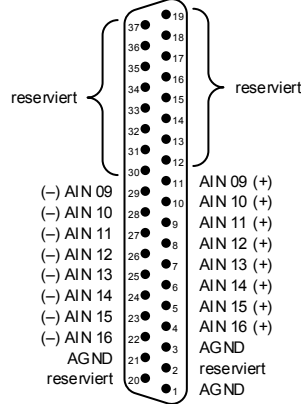
AIN-32/18 diff.



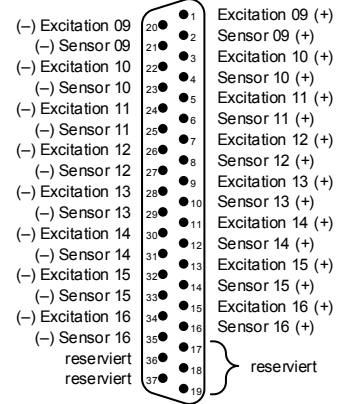
AIN-32/18 s.e.



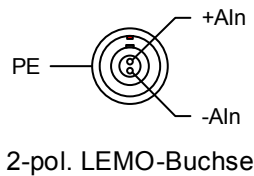
AIN-16/18-8B (8B 1...8, Stecker)



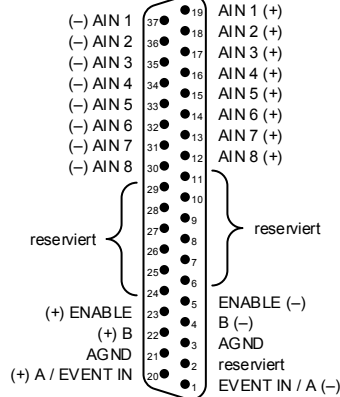
AIN-16/18-8B (AIN 9...16 diff.)



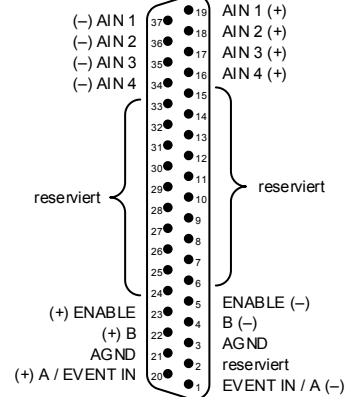
AIN-16/18-8B (8B 9...16, Stecker)



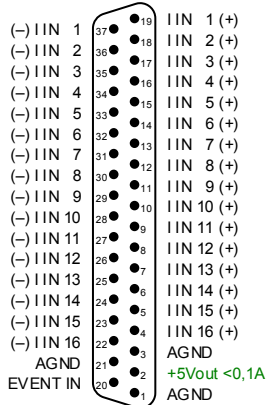
passender Kabel-Stecker:
LEMO, Serie 00, 2-polig, Typ FGG



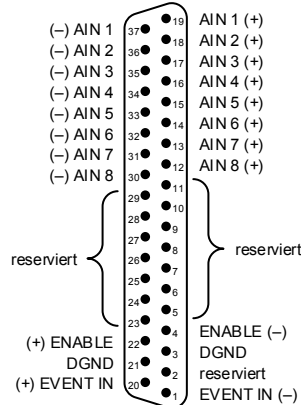
AIN-F-8/1x-D (mit x=4, 6)



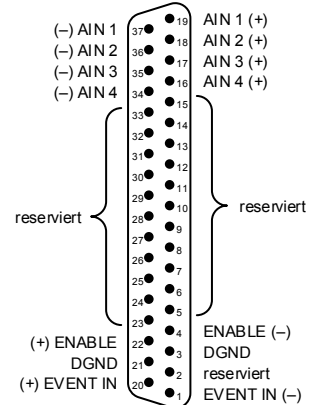
AIN-F-4/1x-D (mit x=4, 6)



AIN-16/18-C



AIN-F-8/18-D



AIN-F-4/18-D

reserviert 37 ● 19
 (-) Quelle 1 36 ● 18
 reserviert 35 ● 17
 (-) Quelle 2 34 ● 16
 reserviert 33 ● 15
 (-) Quelle 3 32 ● 14
 reserviert 31 ● 13
 (-) Quelle 4 30 ● 12
 reserviert 29 ● 11
 (-) Quelle 5 28 ● 10
 reserviert 27 ● 9
 (-) Quelle 6 26 ● 8
 reserviert 25 ● 7
 (-) Quelle 7 24 ● 6
 reserviert 23 ● 5
 (-) Quelle 8 22 ● 4
 reserviert 21 ● 3
 reserviert 20 ● 2
 reserviert 19 ● 1

Quelle 1 (+)
 reserviert
 Quelle 2 (+)
 reserviert
 Quelle 3 (+)
 reserviert
 Quelle 4 (+)
 reserviert
 Quelle 5 (+)
 reserviert
 Quelle 6 (+)
 reserviert
 Quelle 7 (+)
 reserviert
 Quelle 8 (+)
 reserviert
 reserviert
 reserviert
 DGND

RTD-8-D, 2 wire

reserviert 37 ● 19
 (-) Quelle 1 36 ● 18
 reserviert 35 ● 17
 (-) Quelle 2 34 ● 16
 reserviert 33 ● 15
 (-) Quelle 3 32 ● 14
 reserviert 31 ● 13
 (-) Quelle 4 30 ● 12
 reserviert 29 ● 11
 (-) Quelle 5 28 ● 10
 reserviert 27 ● 9
 (-) Quelle 6 26 ● 8
 reserviert 25 ● 7
 (-) Quelle 7 24 ● 6
 reserviert 23 ● 5
 (-) Quelle 8 22 ● 4
 reserviert 21 ● 3
 reserviert 20 ● 2
 reserviert 19 ● 1

Quelle 1 (+)
 Sensor 1 (-)
 Quelle 2 (+)
 Sensor 2 (-)
 Quelle 3 (+)
 Sensor 3 (-)
 Quelle 4 (+)
 Sensor 4 (-)
 Quelle 5 (+)
 Sensor 5 (-)
 Quelle 6 (+)
 Sensor 6 (-)
 Quelle 7 (+)
 Sensor 7 (-)
 Quelle 8 (+)
 Sensor 8 (-)
 reserviert
 reserviert
 DGND

RTD-8-D, 3 wire

(-) B1 37 ● 19
 (+) SX1 36 ● 18
 (-) SX1 35 ● 17
 AGND 34 ● 16
 (-) B2 33 ● 15
 (+) SX2 32 ● 14
 (-) SX2 31 ● 13
 AGND 30 ● 12
 (-) B3 29 ● 11
 (+) SX3 28 ● 10
 (-) SX3 27 ● 9
 AGND 26 ● 8
 (-) B4 25 ● 7
 (+) SX4 24 ● 6
 (-) SX4 23 ● 5
 AGND 22 ● 4
 AGND 21 ● 3
 NC 20 ● 2
 19 ● 1

B1 (+)
 EX1 (+)
 QB1
 EX1 (-)
 B2 (+)
 EX2 (+)
 QB2
 EX2 (-)
 B3 (+)
 EX3 (+)
 QB3
 EX3 (-)
 B4 (+)
 EX4 (+)
 QB4
 EX4 (-)
 AGND
 NC
 Vcc Out

(+) Sensor 1 37 ● 19
 (-) Quelle 1 36 ● 18
 (+) Sensor 2 35 ● 17
 (-) Quelle 2 34 ● 16
 (+) Sensor 3 33 ● 15
 (-) Quelle 3 32 ● 14
 (+) Sensor 4 31 ● 13
 (-) Quelle 4 30 ● 12
 (+) Sensor 5 29 ● 11
 (-) Quelle 5 28 ● 10
 (+) Sensor 6 27 ● 9
 (-) Quelle 6 26 ● 8
 (+) Sensor 7 25 ● 7
 (-) Quelle 7 24 ● 6
 (+) Sensor 8 23 ● 5
 (-) Quelle 8 22 ● 4
 reserviert 21 ● 3
 reserviert 20 ● 2
 reserviert 19 ● 1

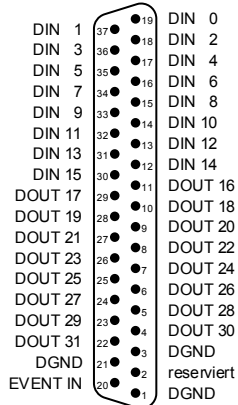
Quelle 1 (+)
 Sensor 1 (-)
 Quelle 2 (+)
 Sensor 2 (-)
 Quelle 3 (+)
 Sensor 3 (-)
 Quelle 4 (+)
 Sensor 4 (-)
 Quelle 5 (+)
 Sensor 5 (-)
 Quelle 6 (+)
 Sensor 6 (-)
 Quelle 7 (+)
 Sensor 7 (-)
 Quelle 8 (+)
 Sensor 8 (-)
 reserviert
 reserviert
 DGND

RTD-8-D, 4 wire

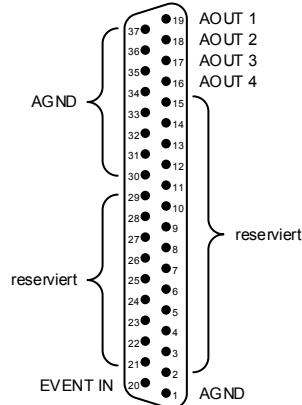
(-) B1 37 ● 19
 (+) SX1 36 ● 18
 (-) SX1 35 ● 17
 AGND 34 ● 16
 (-) B2 33 ● 15
 (+) SX2 32 ● 14
 (-) SX2 31 ● 13
 AGND 30 ● 12
 (-) B3 29 ● 11
 (+) SX3 28 ● 10
 (-) SX3 27 ● 9
 AGND 26 ● 8
 (-) B4 25 ● 7
 (+) SX4 24 ● 6
 (-) SX4 23 ● 5
 AGND 22 ● 4
 AGND 21 ● 3
 NC 20 ● 2
 19 ● 1

B1 (+)
 EX1 (+)
 EX1 (-)
 AIN 13 (+)
 B2 (+)
 EX2 (+)
 EX2 (-)
 AIN 13 (-)
 B3 (+)
 EX3 (+)
 EX3 (-)
 AIN 14 (+)
 B4 (+)
 EX4 (+)
 EX4 (-)
 AIN 14 (-)
 AGND
 Vcc (5V)
 DGND

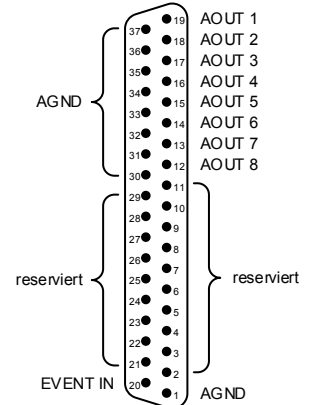
SG-4/18



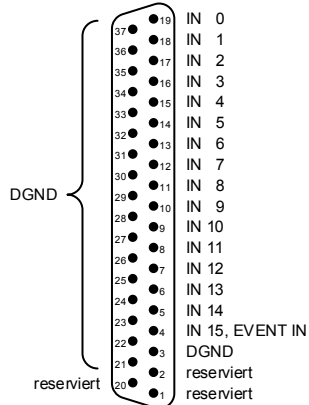
AOut-1/16



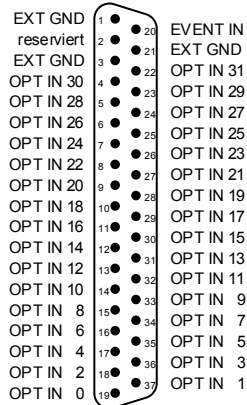
AOut-4/16-D



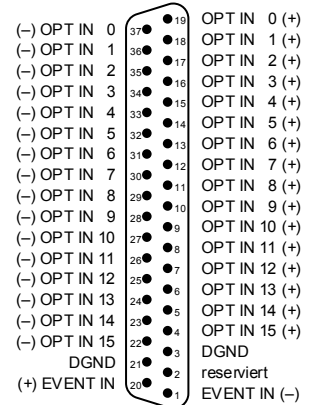
AOut-8/16-D



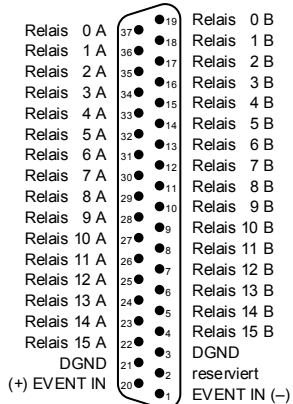
COMP-16



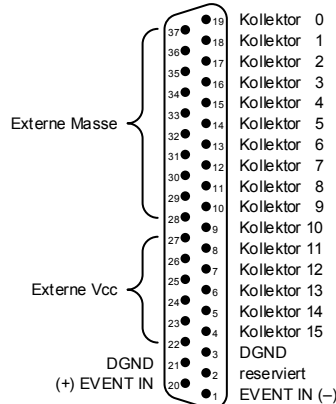
OPT-32-24V



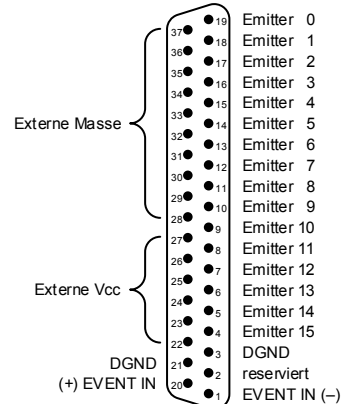
OPT-16



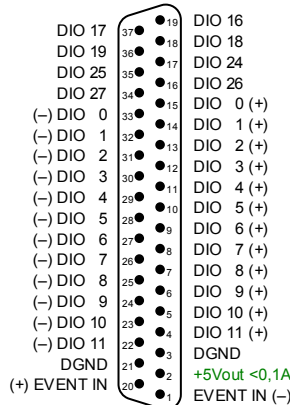
REL-16



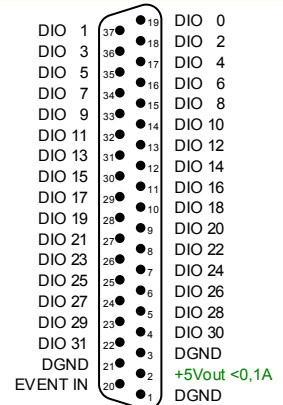
TRA-16-G



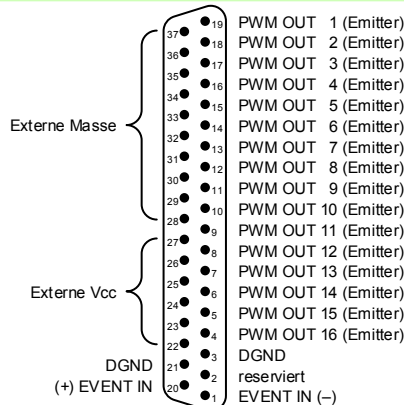
TRA-16



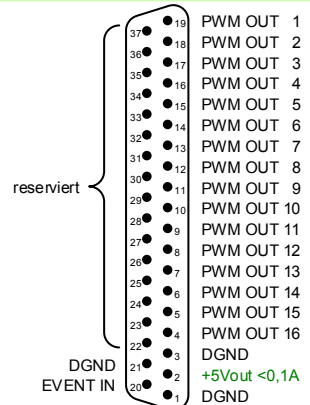
DIO-8-D12



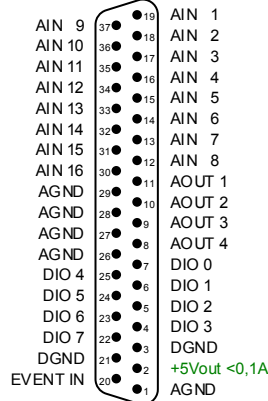
DIO-32



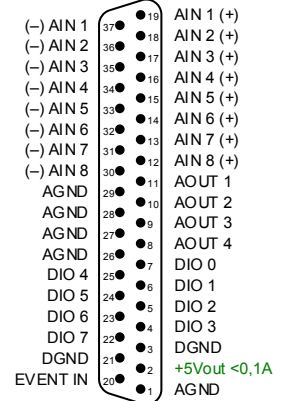
PWM-16-I



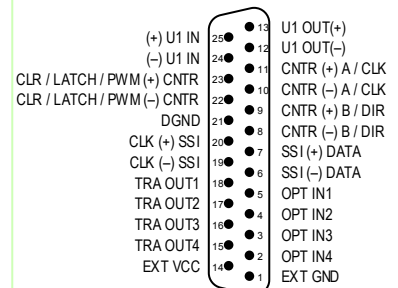
PWM-16



MIO-4 s.-e. (Conn. 1)

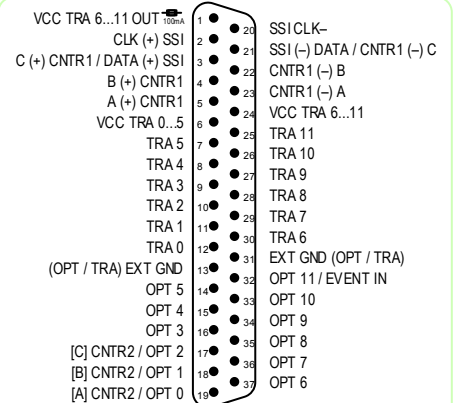


MIO-4 diff. (Conn. 1)

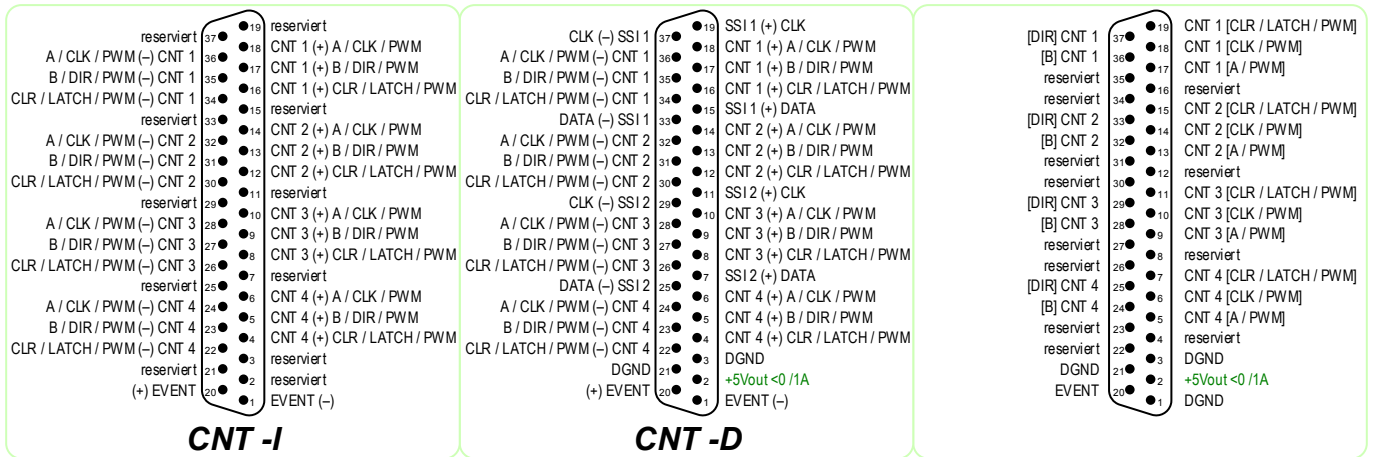


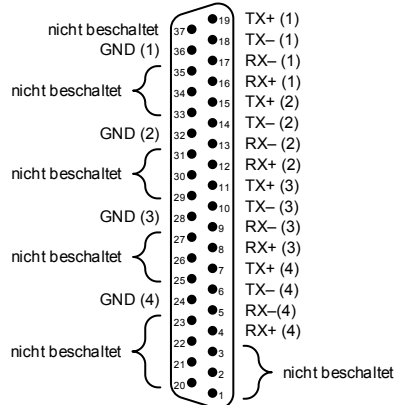
MIO-4-ET1

Conn. 2

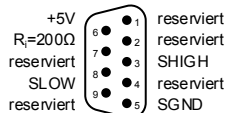


MIO-D12



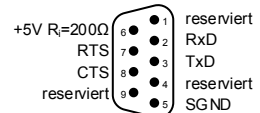


RS422-4



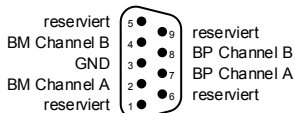
RS485
(Stecker)

RS485-Legende:
SHIGH - Signal HIGH
SGND - Signal Ground
SLOW - Signal LOW

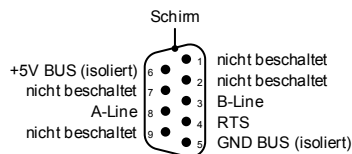


RS232
(Stecker)

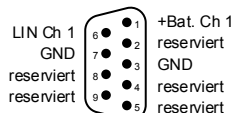
RS232-Legende:
RxD - Receive Data
TxD - Transmit Data
SGND - Signal Ground
RTS - Request To Send
CTS - Clear To Send



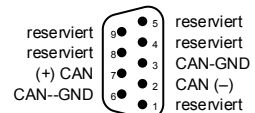
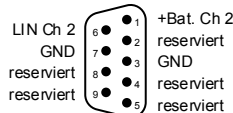
FlexRay
(Stecker)



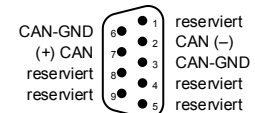
PROFI-SL
(Stecker)



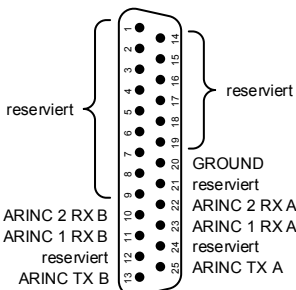
LIN - 2
(Stecker)



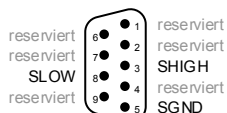
CAN



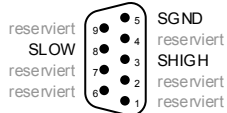
CAN
(Stecker)



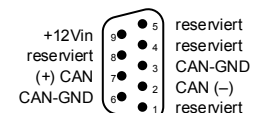
ARINC-429



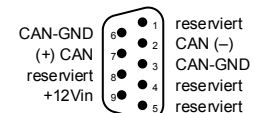
LS-Bus
(Stecker)



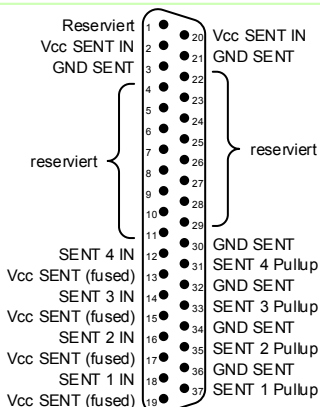
LS-Bus



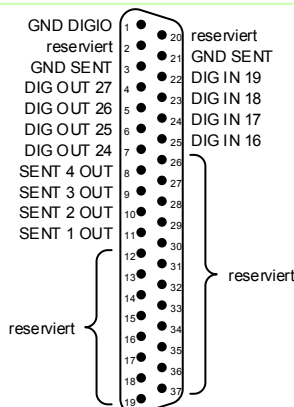
CAN-LS



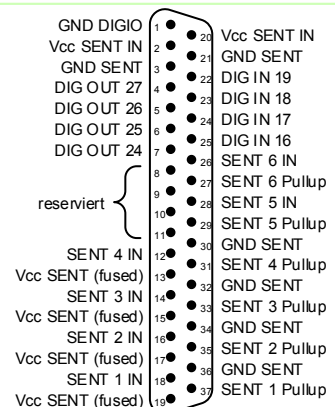
CAN-LS
(Stecker)



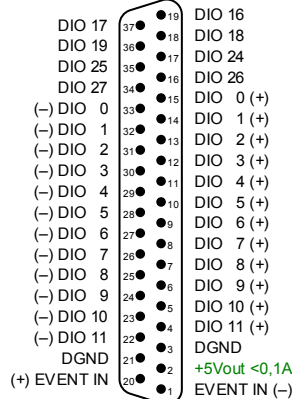
SENT-4



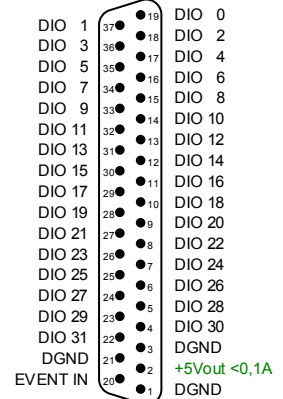
SENT-4-OUT



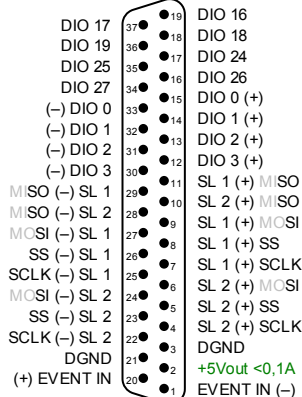
SENT-6



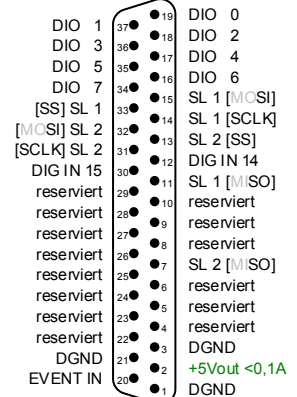
SPI-D: Digitale Kanäle



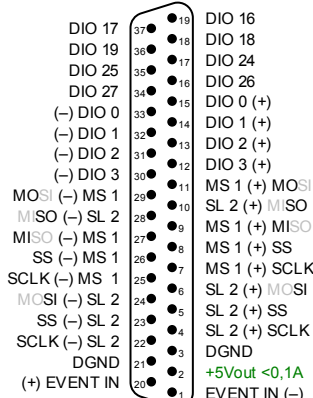
SPI-T: Digitale Kanäle



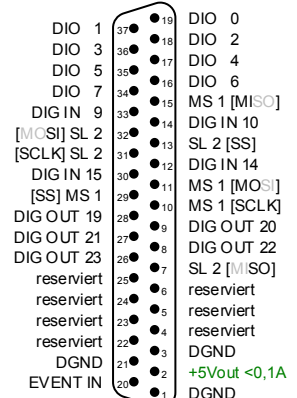
SPI-D: SL1 + SL2



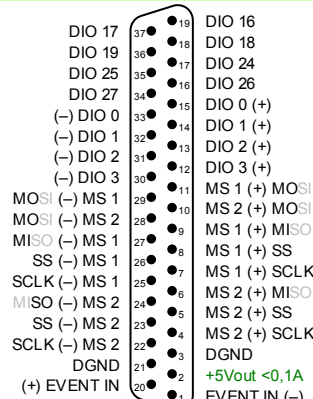
SPI-T: SL1 + SL2



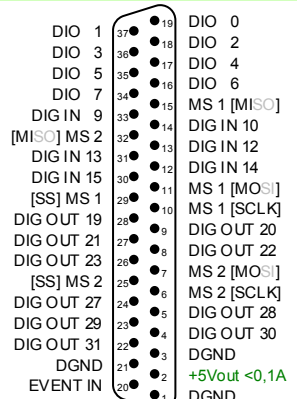
SPI-D: MS1 + SL2



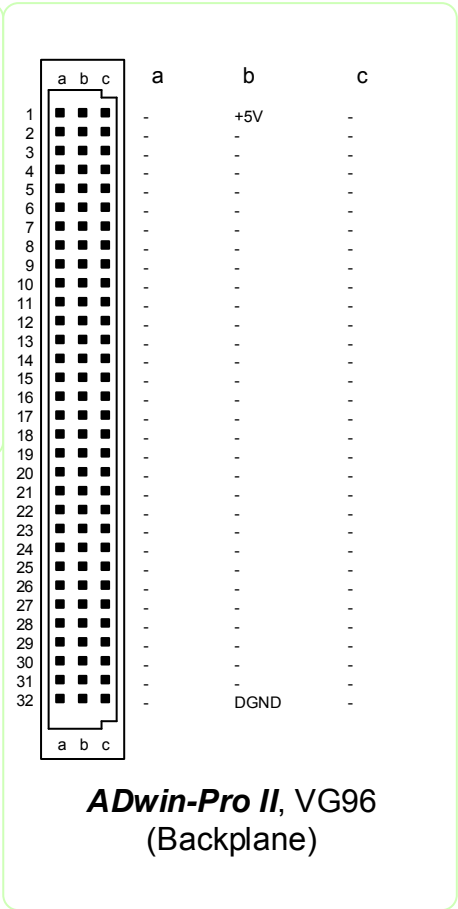
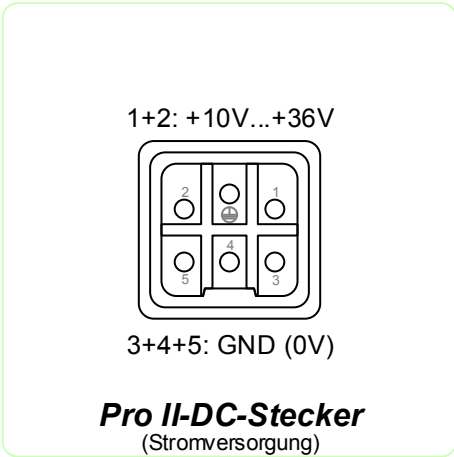
SPI-T: MS1 + SL2



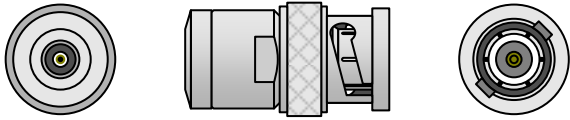
SPI-D: MS1 + MS2



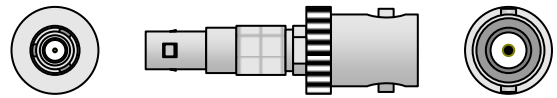
SPI-T: MS1 + MS2



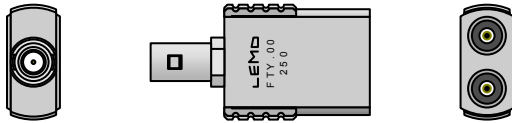
Pro-AS-1 (4 Stk./Set)



Pro-AS-2 (4 Stk./Set)



Pro-AS-3 (4 Stk./Set)



Pro-AS-4 (4 Stk./Set)



Pro-AS-5 (4 Stk./Set)



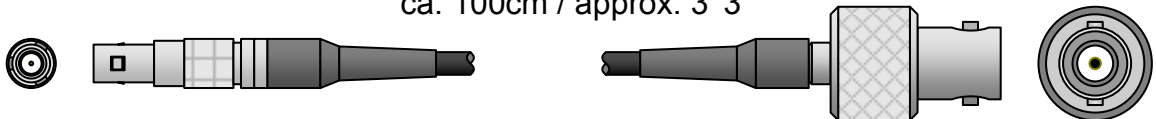
Pro-AS-6 (4 Stk./Set)

ca. 10cm / approx. 4"



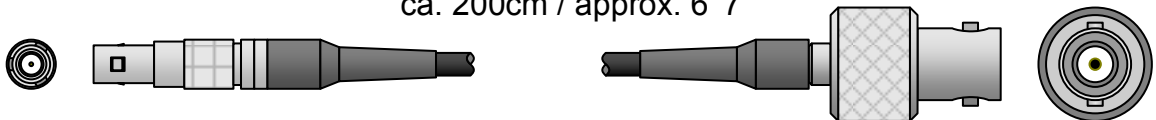
Pro-AS-7 (4 Stk./Set)

ca. 100cm / approx. 3' 3"



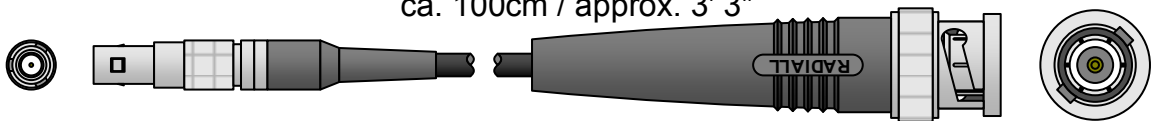
Pro-AS-8 (4 Stk./Set)

ca. 200cm / approx. 6' 7"



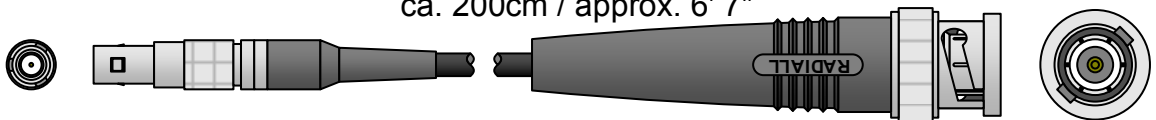
Pro-AS-9 (4 Stk./Set)

ca. 100cm / approx. 3' 3"



Pro-AS-10 (4 Stk./Set)

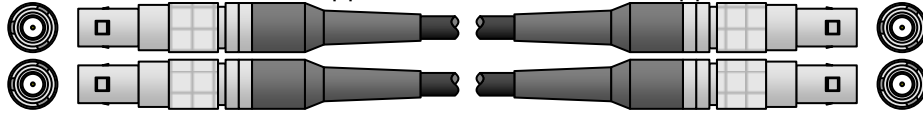
ca. 200cm / approx. 6' 7"



Kabel-Stecker **ADwin-Pro**: LEMO, Serie 00, Typ FGG
Einbau-Buchse **ADwin-Pro**: LEMO, Serie 00, Typ ERN

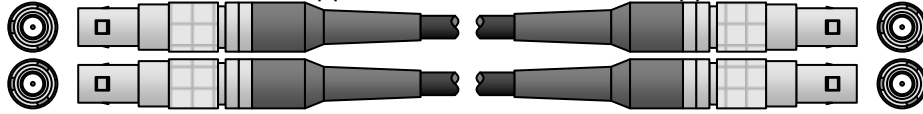
Pro-CS-1

4x ca. 20cm / approx. 8" + 4x ca. 40cm / approx. 16"



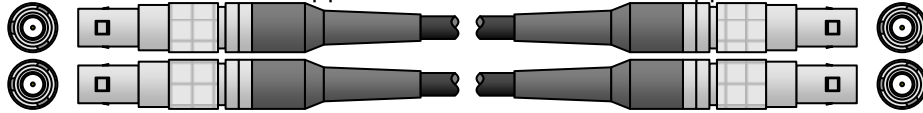
Pro-CS-2

4x ca. 40cm / approx. 16" + 4x ca. 80cm / approx. 32"



Pro-CS-3

4x ca. 100cm / approx. 3'3" + 4x ca. 150cm / approx. 4'11"



Pro-CS-4

4x ca. 500cm / approx. 16'5"



Pro-CS-5

8x ca. 40cm / approx. 16"



Pro-CS-6

8x ca. 100cm / approx. 3' 3"



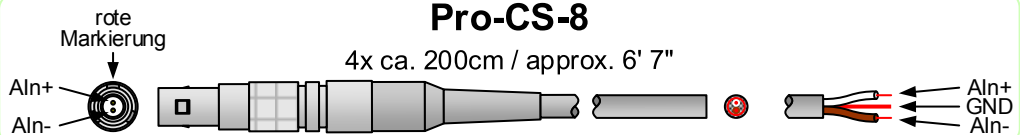
Pro-CS-7

8x ca. 200cm / approx. 6' 7"



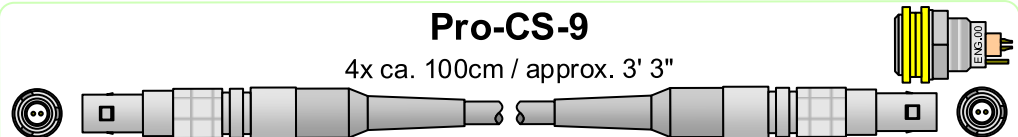
Pro-CS-8

4x ca. 200cm / approx. 6' 7"



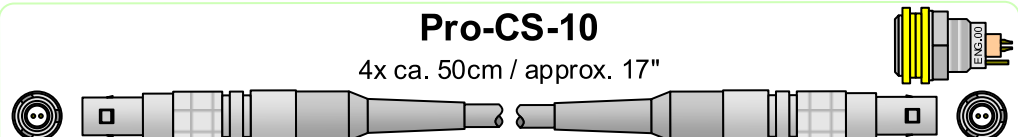
Pro-CS-9

4x ca. 100cm / approx. 3' 3"



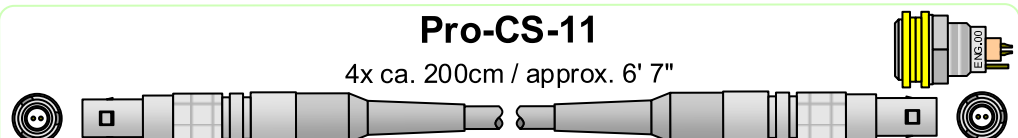
Pro-CS-10

4x ca. 50cm / approx. 17"



Pro-CS-11

4x ca. 200cm / approx. 6' 7"



Kabel-Stecker **ADwin-Pro**: LEMO, Serie 00; 1-polig: Typ FFS (CS-1 ... CS-7), 2-polig: Typ FGG (CS-8 ... CS-11)
Einbau-Buchse **ADwin-Pro**: LEMO, Serie 00; 1-polig: Typ ERN (CS-1 ... CS-7), 2-polig: Typ ENG (CS-8 ... CS-11)

