ADwin - connector pin assignments

last update (yyyy-mm-dd): 2006-09-06

On the following pages you will find the connector-pinouts for all ***ADwin***-cards, ***ADwin-Pro***-, ***ADwin-Gold***- and ***ADwin-light16***-systems.

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ADwin - analog-/digital-cards

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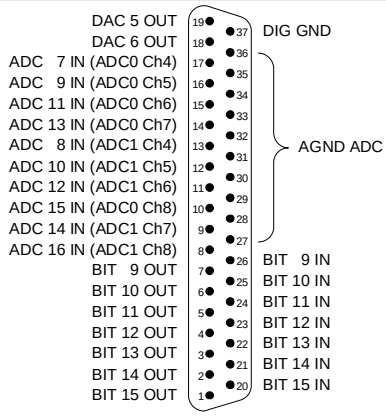
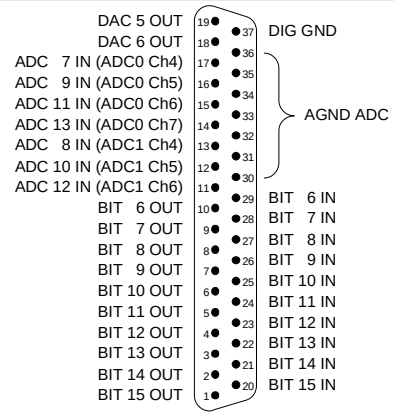
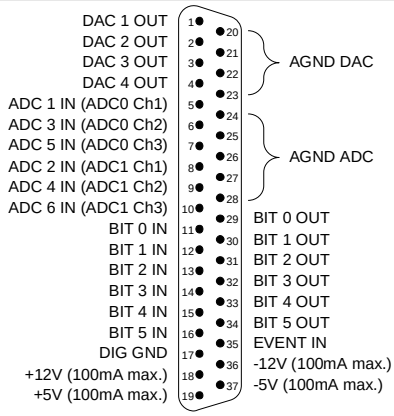


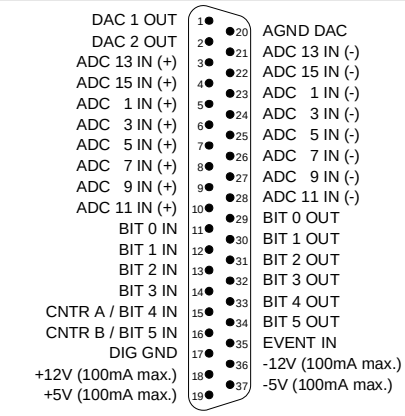
ADwin add-on connector (16 AIN / 26 DIO)



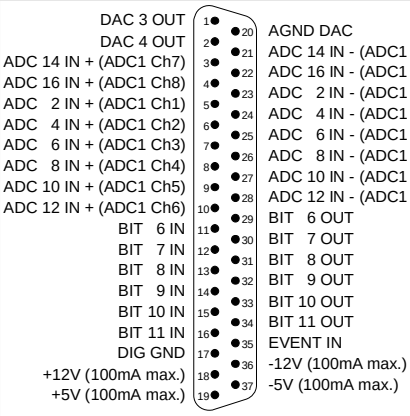
ADwin add-on connector (13 AIN / 32 DIO)



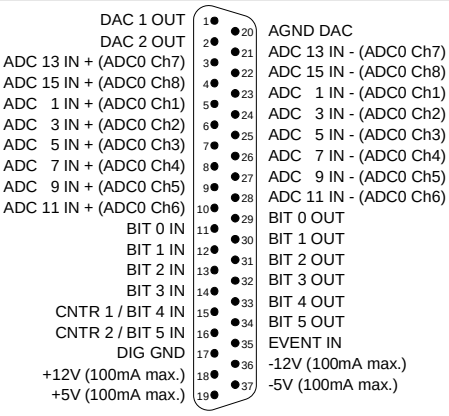
ADwin



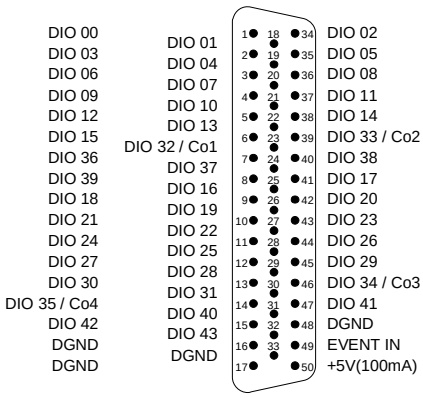
ADwin-CO1L



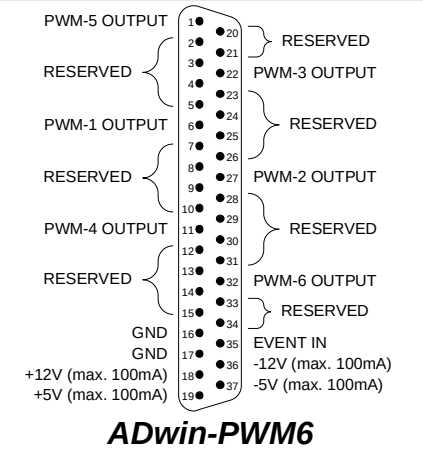
ADwin-ADL



ADwin-light



ADwin-LD



ADwin-PWM6

If not otherwise noted, all connectors are of female type.

***ADwin* - counter-extensions**

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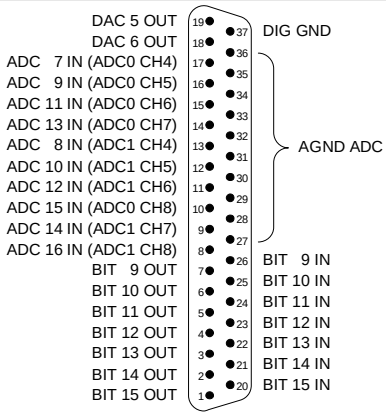
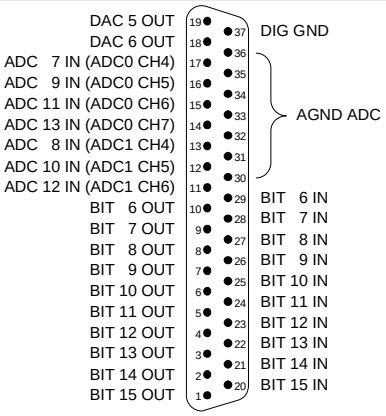
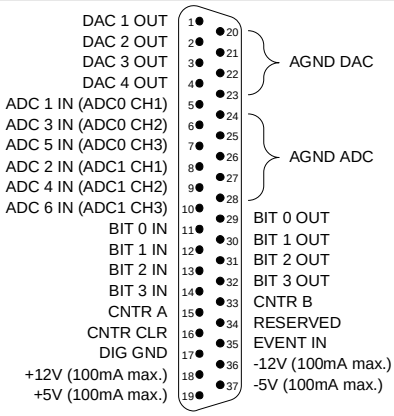


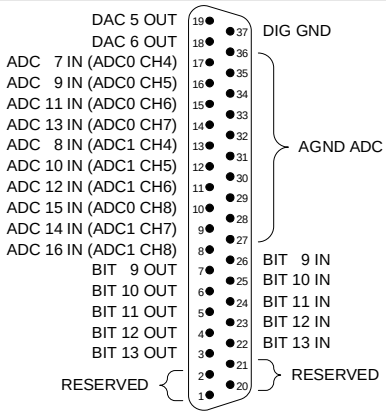
ADwin-CO1 add-on connector (16 AIN / 22 DIO)



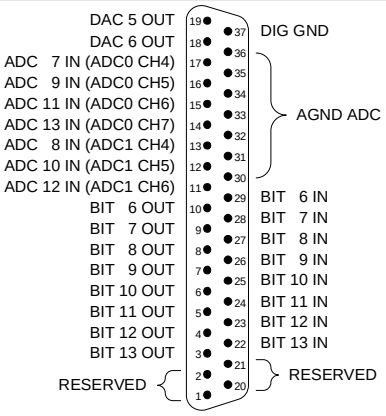
ADwin-CO1 add-on connector (13 AIN / 28 DIO)



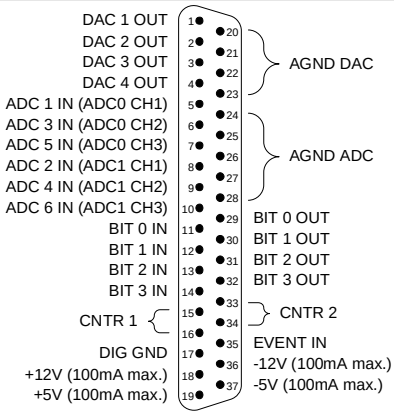
ADwin-CO1



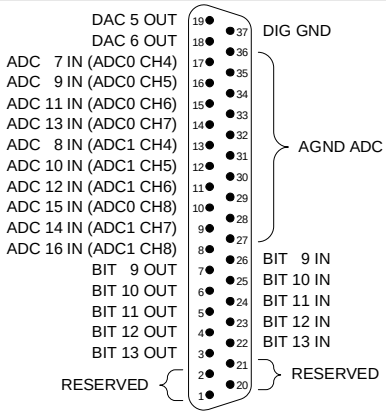
ADwin-CO2 add-on connector (16 AIN / 18 DIO)



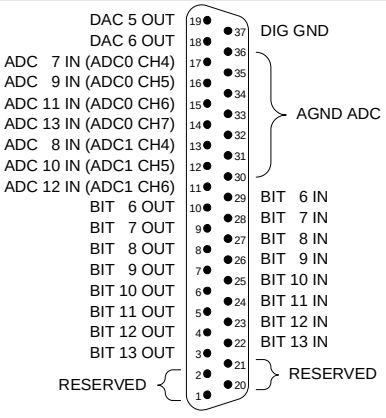
ADwin-CO2 - add-on connector (13 AIN / 24 DIO)



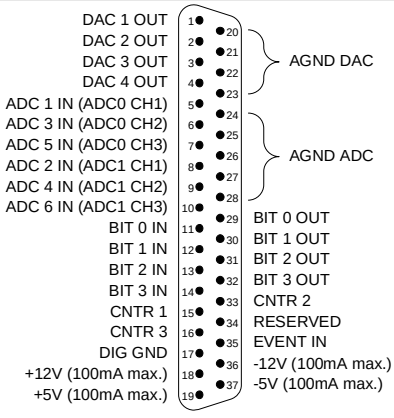
ADwin-CO2



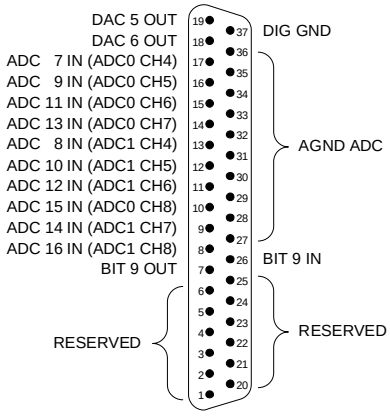
ADwin-CO3 add-on connector (16 AIN / 18 DIO)



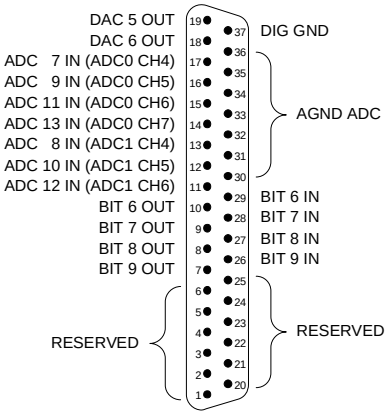
ADwin-CO3 - add-on connector (13 AIN / 24 DIO)



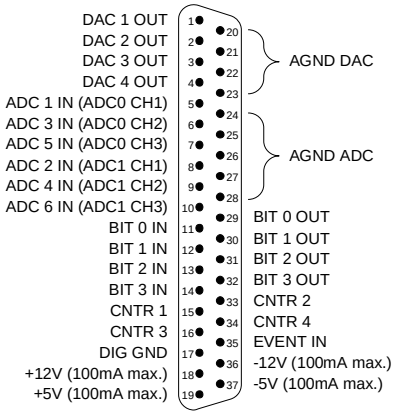
ADwin-CO3



ADwin-CO4 add-on connector (16 AIN / 10 DIO)



ADwin-CO4 - add-on connector (13 AIN / 16 DIO)



ADwin-CO4

If not otherwise noted, all connectors are of female type.

ADwin - counter-cards

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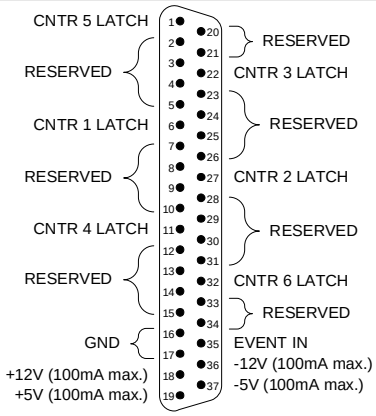
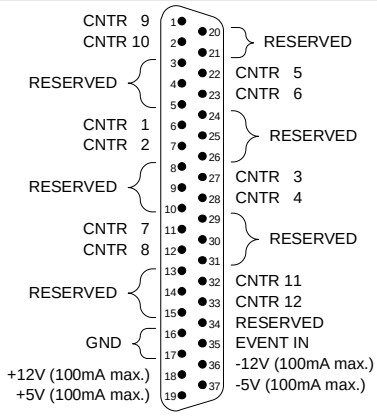
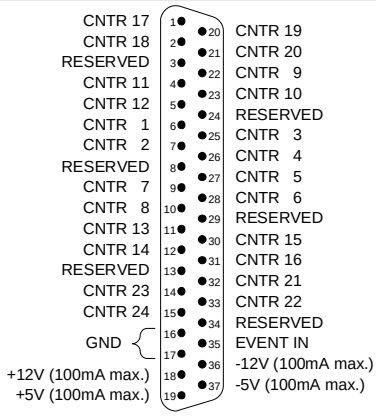


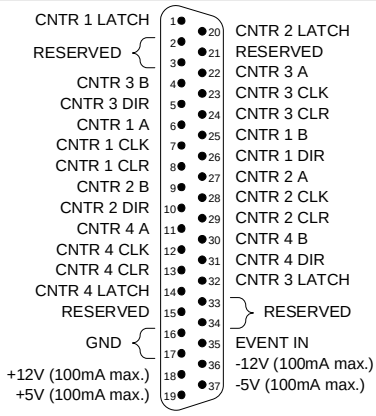
ADwin-CO6



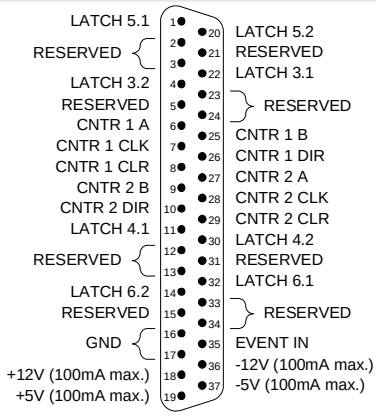
ADwin-CO12



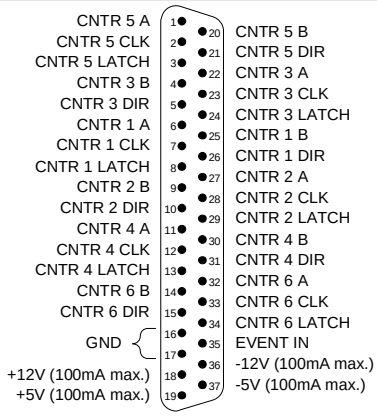
ADwin-CO24



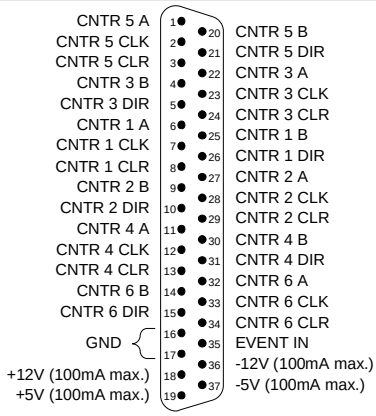
ADwin-CO4VR4



ADwin-CO8VR2



ADwin-VR6-L



ADwin-VR6

If not otherwise noted, all connectors are of female type.

ADwin - various connectors

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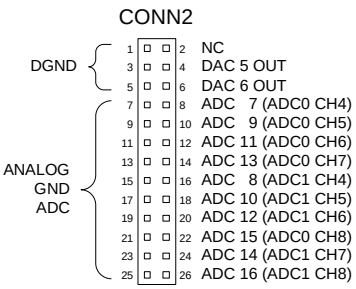
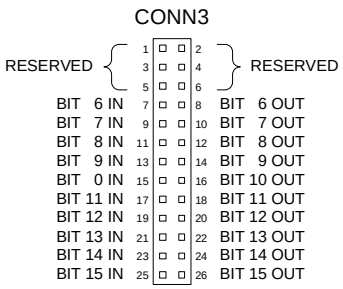
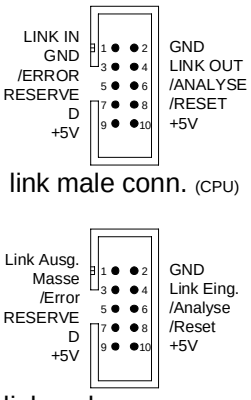


dual-inline connector on PCB
(male)

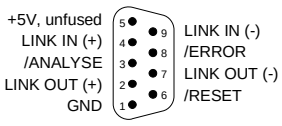


dual-inline connector on PCB
(male)

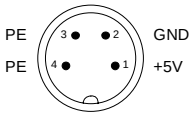


link male conn. (CPU)

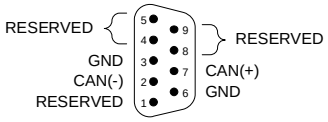
link male conn. (TRAM)



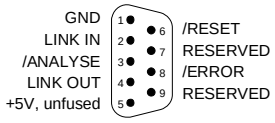
***ADwin*-Box-Link** (male)
(diff.)



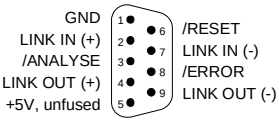
power-supply
(built-in male connector, ADwin-Box)



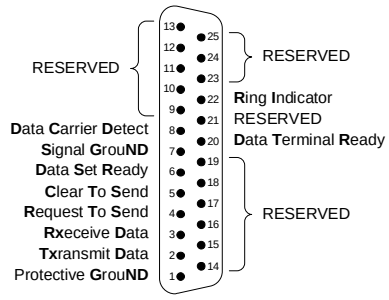
ADwin-CAN ***(male)***



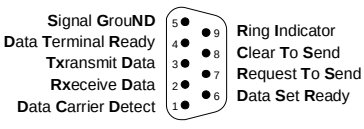
Sub-D-LINK (s.-e.)



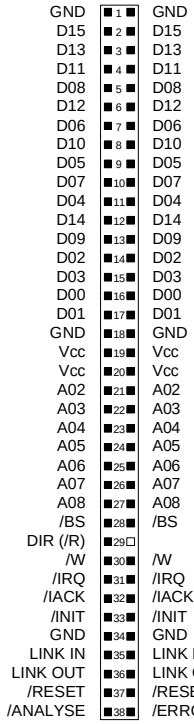
Sub-D-LINK (diff.)



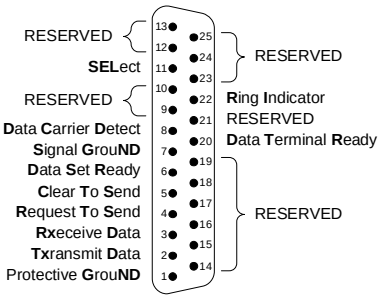
serial PC-interface (RS232-C)
25-pole D-sub (male)



serial PC-interface (RS232-C)
9-pole D-sub (male)



CPU module
(dual-inline female conn.)



ADwin-232
(male)

If not otherwise noted, all connectors are of female type.

ADwin-Pro - ADC/DAC-modules

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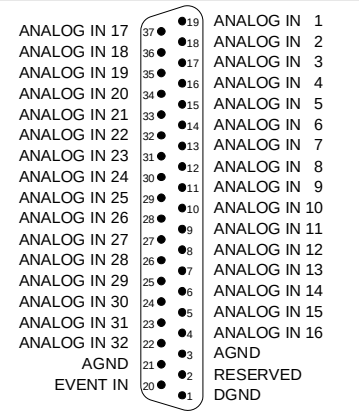
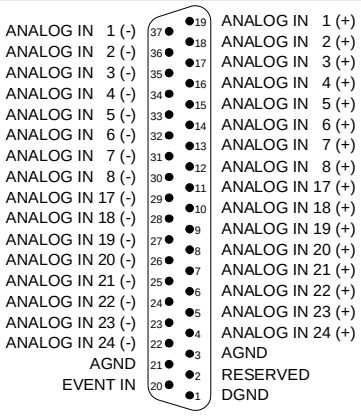
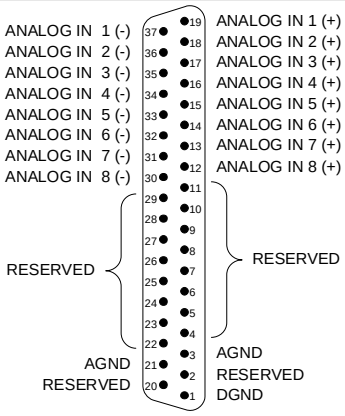


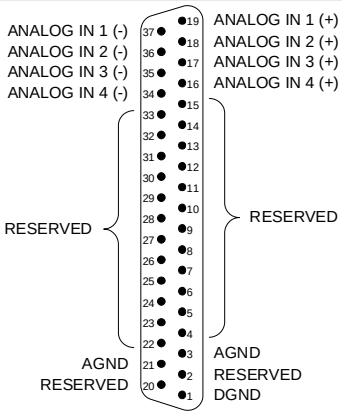
AIn-32/1x: -SE (with x=2, 4, 6)



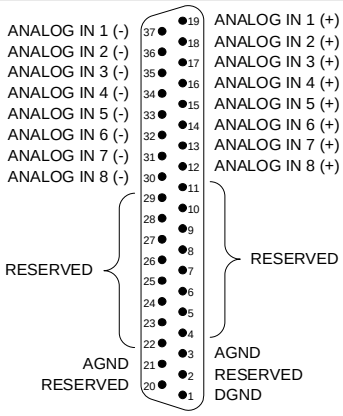
AIn-32/1x: -Diff ***(with x=2, 4, 6)***



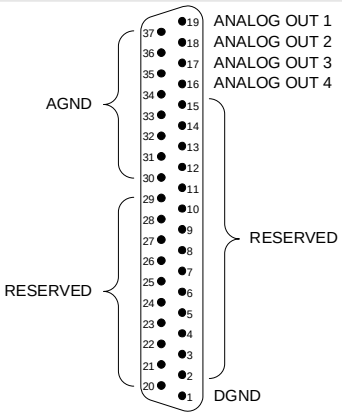
AIn-8/1x-D ***(with x=2, 4, 6)***



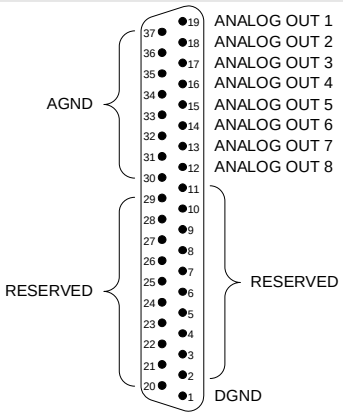
AIn-F-4/1x-D ***(with x=2, 4, 6)***



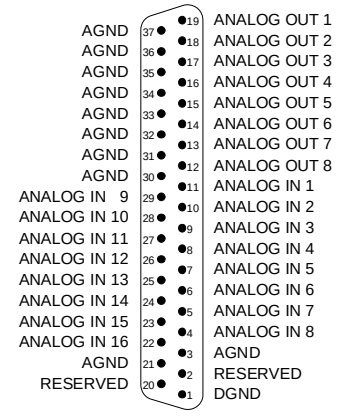
AIn-F-8/1x-D ***(with x=2, 4, 6)***



AOut-4/16-D



AOut-8/16-D



AO-16/8-12

If not otherwise noted, all connectors are of female type.

***ADwin-Pro-II* - ADC/DAC-modules**

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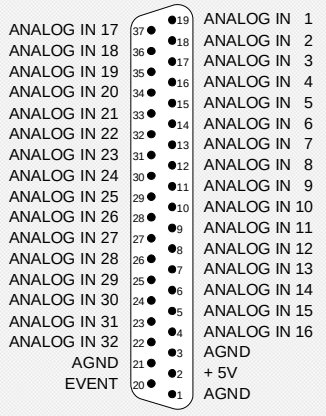
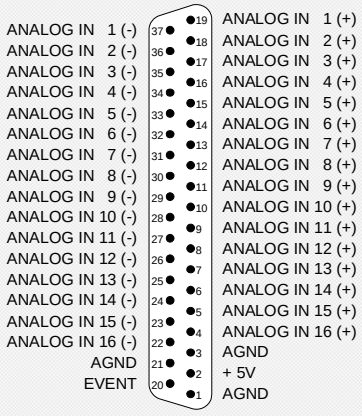


II-AIn-32/18 s.e.



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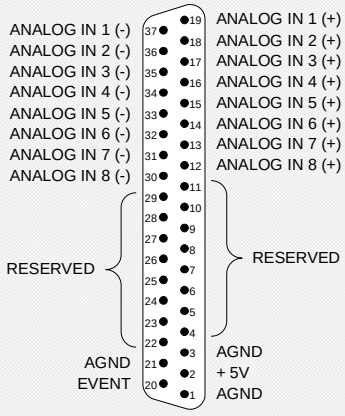

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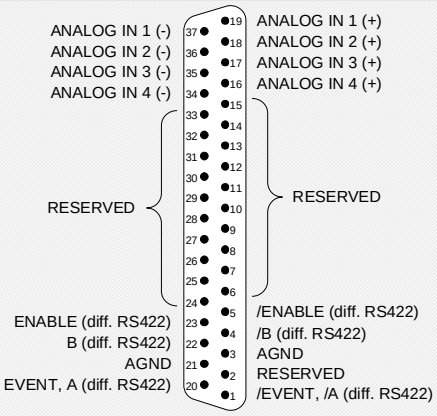
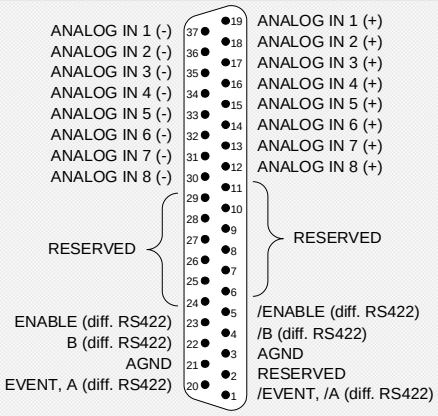


II-AIn-F-4/14-D



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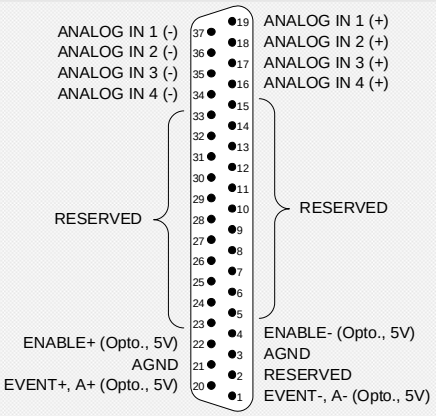

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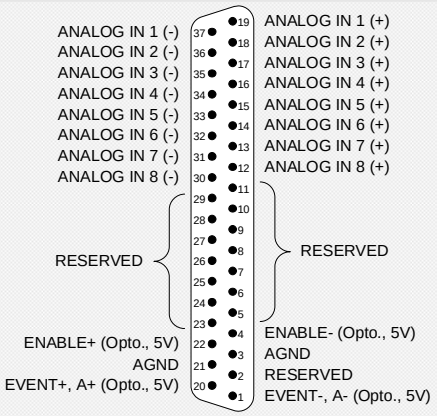

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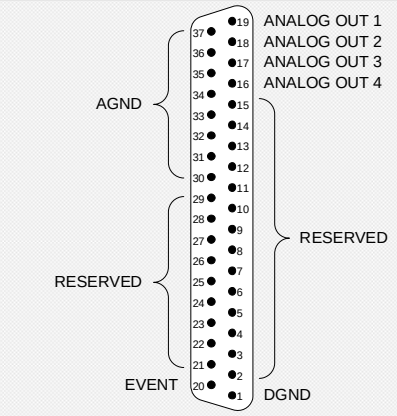

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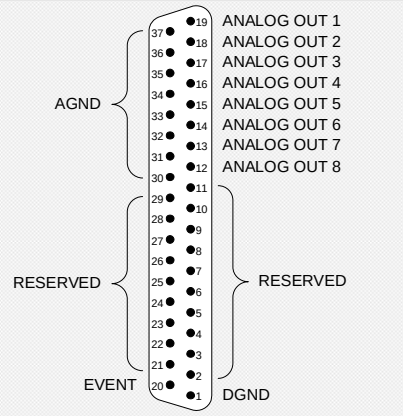

II-AOut-8/16-D

If not otherwise noted, all connectors are of female type.

ADwin-Pro - DIO-modules (part 1)

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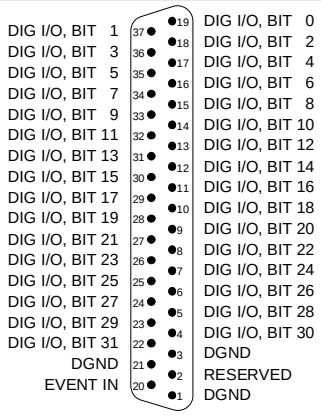

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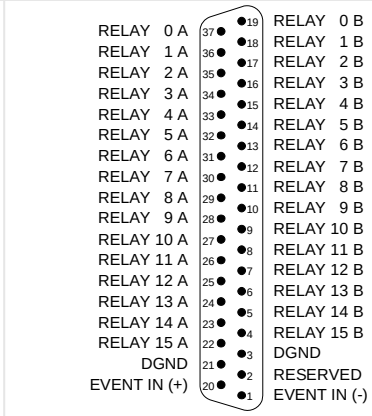

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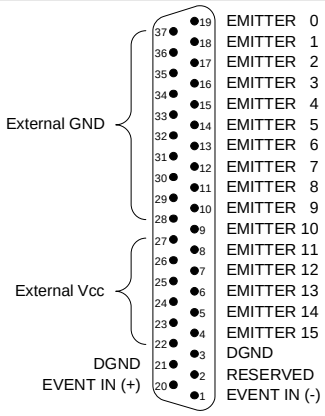

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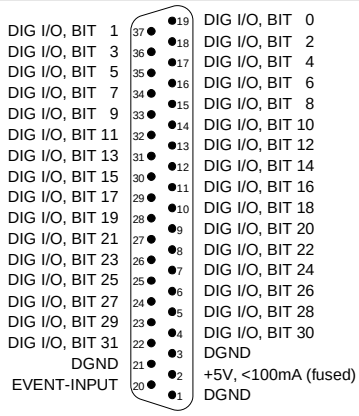

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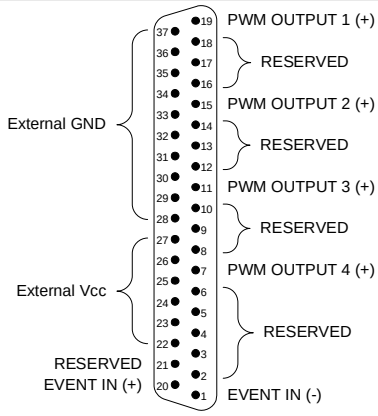

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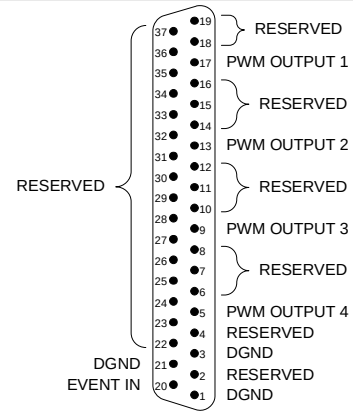

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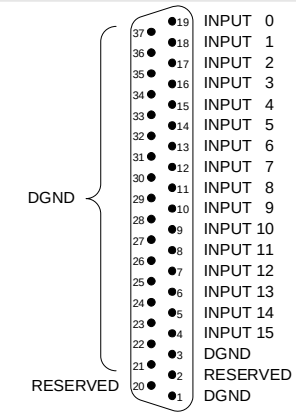

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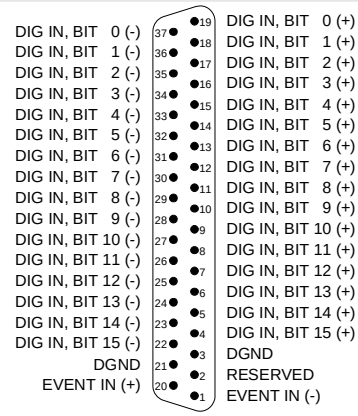

OPT-16

If not otherwise noted, all connectors are of female type.

ADwin-Pro - DIO-modules (part 2)

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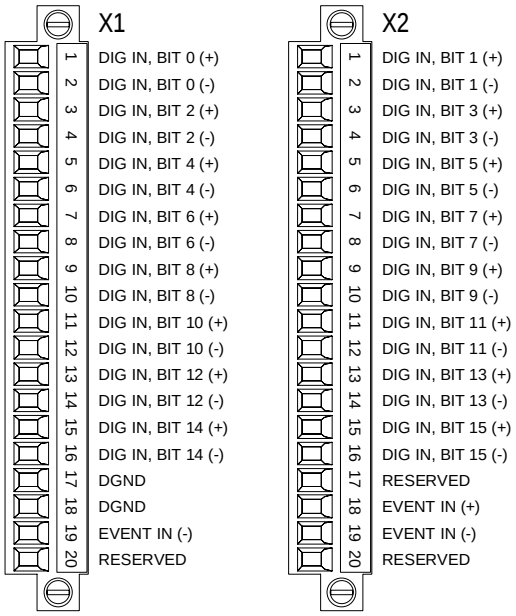

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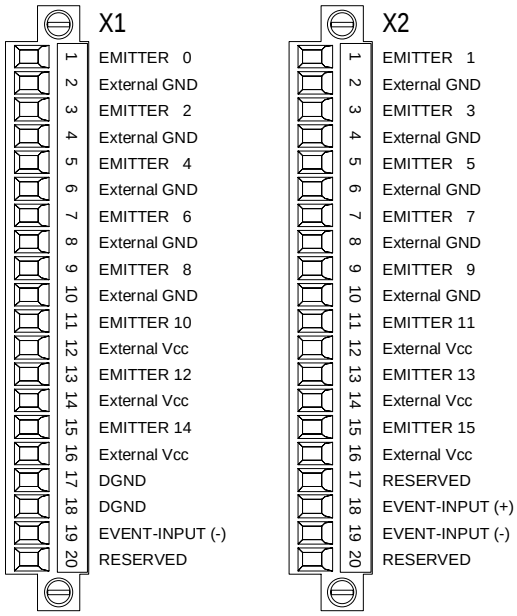

TRA-16

If not otherwise noted, all connectors are of female type.

ADwin-Pro - counter-modules (part 1)

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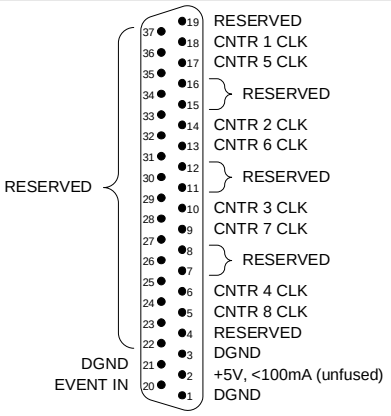
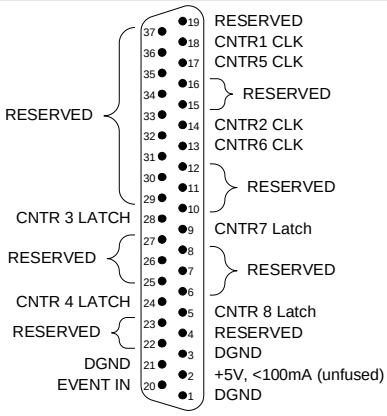
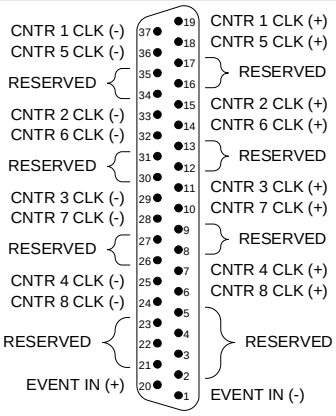


CNT-8/32



CNT-8/32-L



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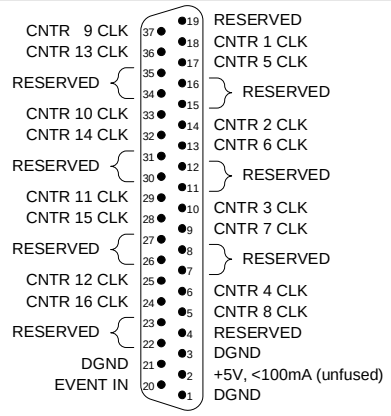
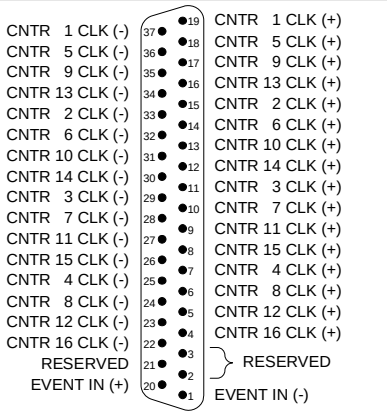


CNT-16/16



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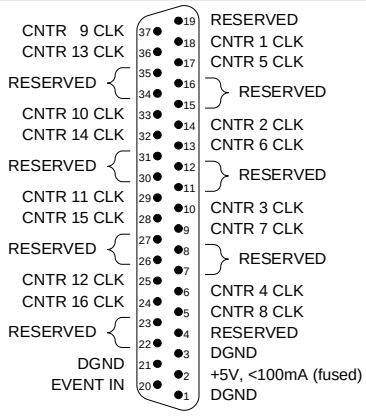
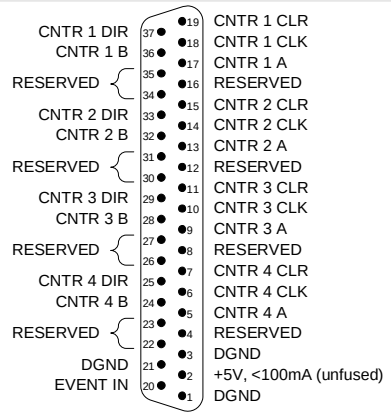


CNT-16/32



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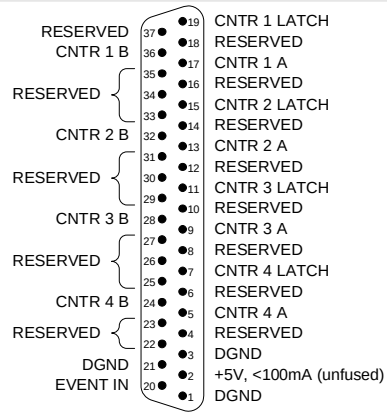

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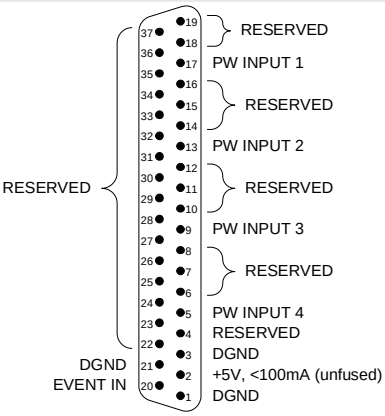

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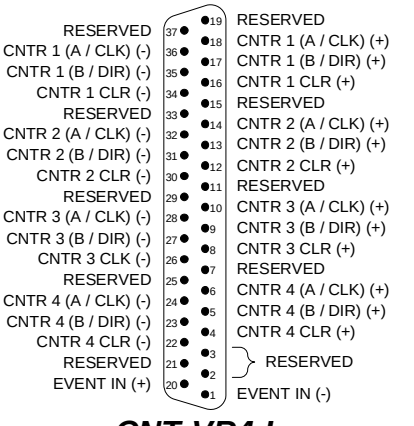

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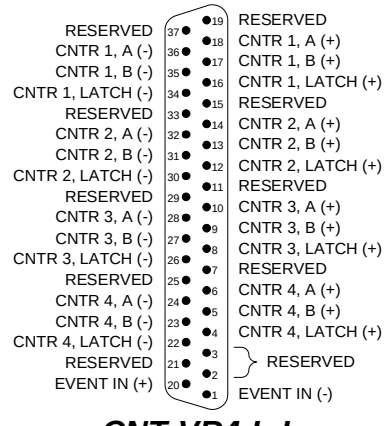

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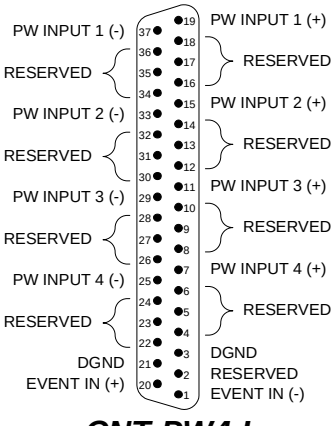

CNT-PW4-I

If not otherwise noted, all connectors are of female type.

***ADwin-Pro* - counter-modules (part 2)**

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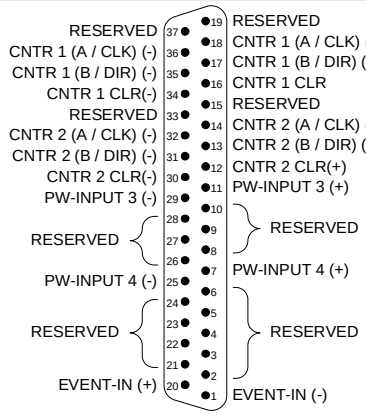

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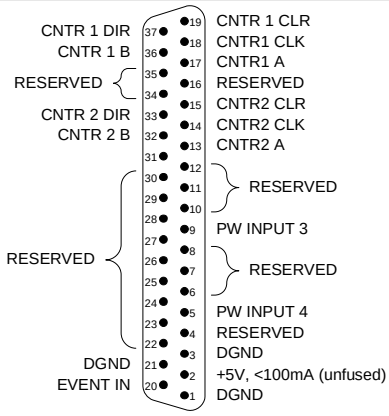

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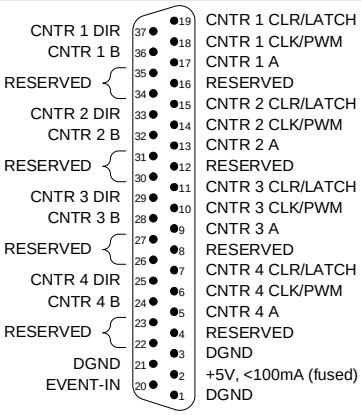

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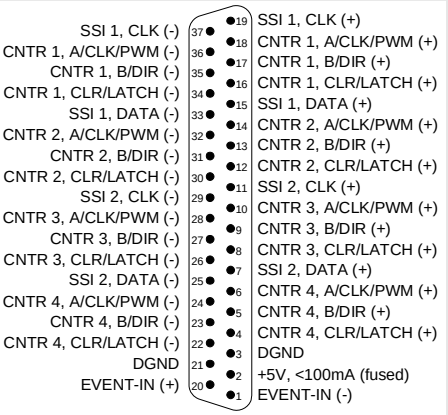

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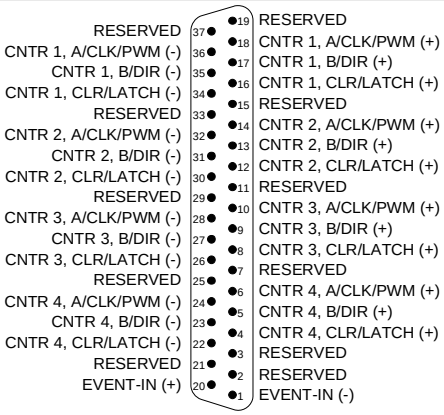

CO4-I

If not otherwise noted, all connectors are of female type.

ADwin-Pro - EXT-modules (part 1)

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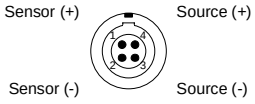

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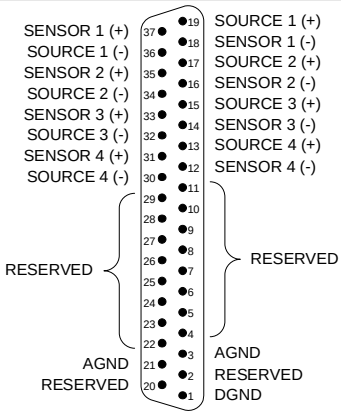
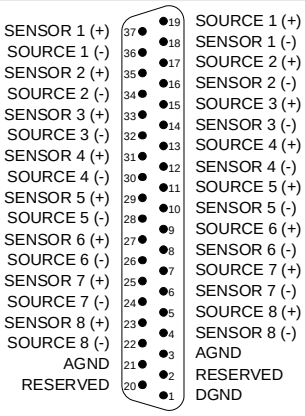
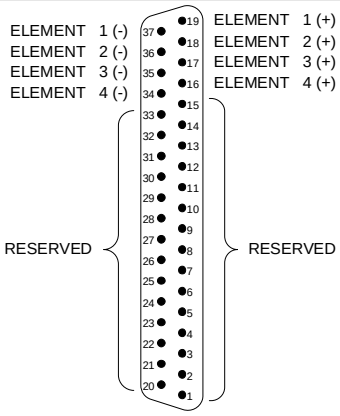


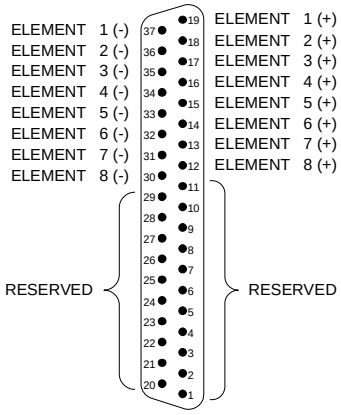
PT100-4-D



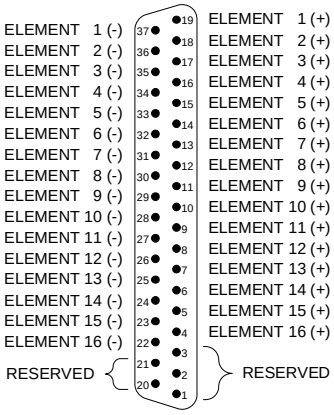
PT100-8-D



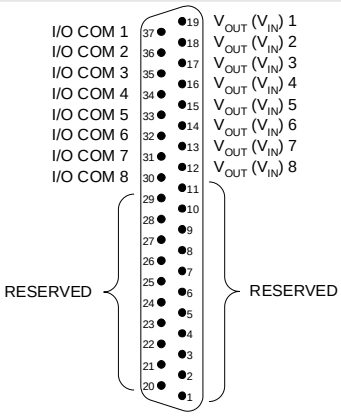
TC-4-J(-K)-D



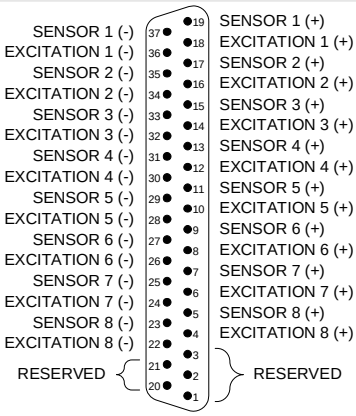
TC-8-J(-K)-D



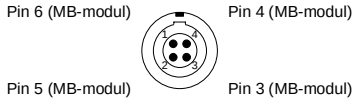
TC-16-J(-K)



MB-8 Module-Output



MB-8 Module-Input



MB-8

If not otherwise noted, all connectors are of female type.

ADwin-Pro - EXT-modules (part 2)

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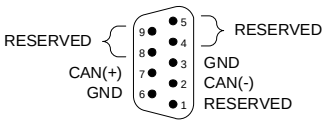
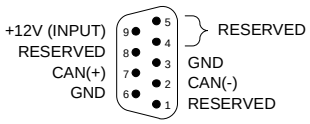


CAN



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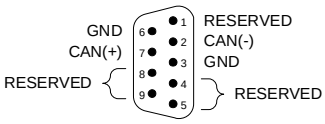
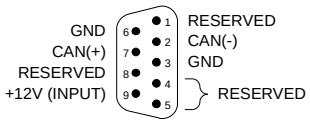
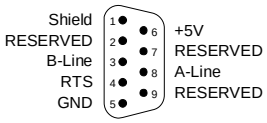


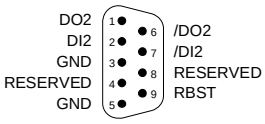
CAN (male)



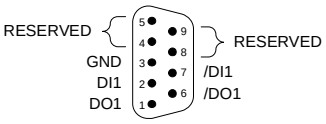
CAN (male)



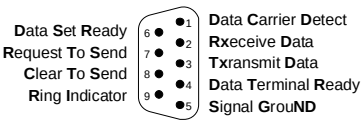
PROFI-DP



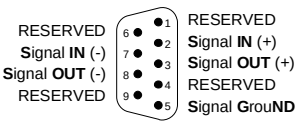
INTER-SL (BUS-OUT)



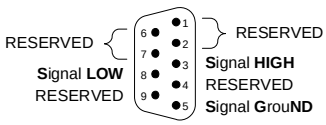
INTER-SL ***(BUS-IN, male)***



RS232 ***(male)***



RS422 *(Stecker)*



Pro-RS485 ***(male)***

If not otherwise noted, all connectors are of female type.

***ADwin-Pro* - various**

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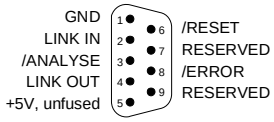
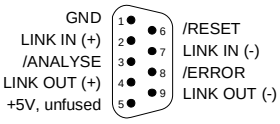
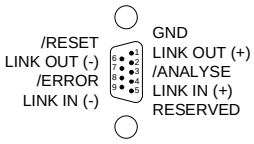


D-sub-LINK (s.-e.)

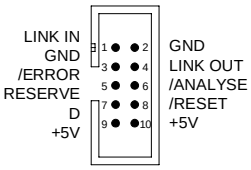


D-sub-LINK (diff.)



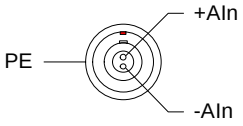
Link

(built-in male connector)

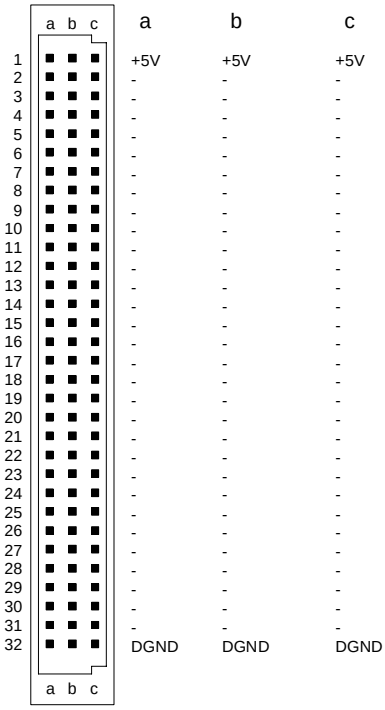


link-connector (CPU)

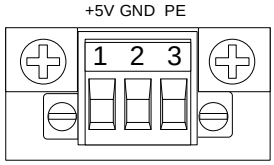
(male)



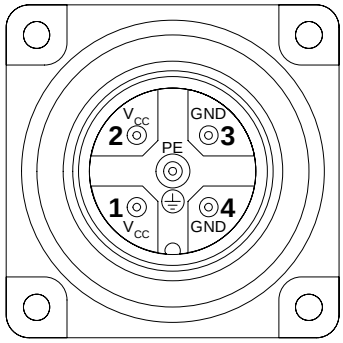
2-pole LEMO fem. connector



ADwin-Pro, VG96 (Backplane)



Pro-Mini (power-supply)



Pro-DC (power-supply)

(male)

If not otherwise noted, all connectors are of female type.

ADwin-Gold with Link

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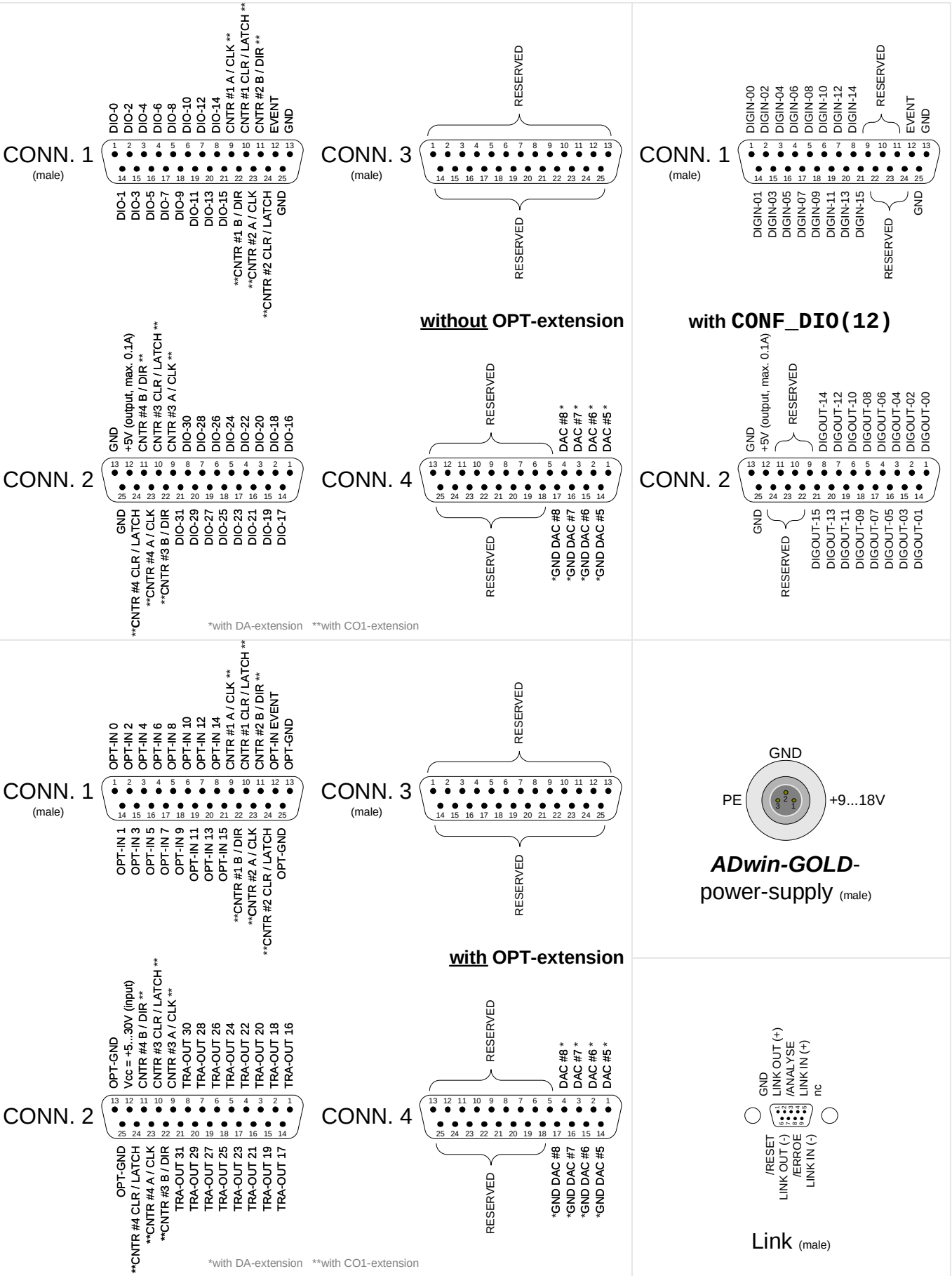

If not otherwise noted, all connectors are of female type.

ADwin-Gold with ENET/USB

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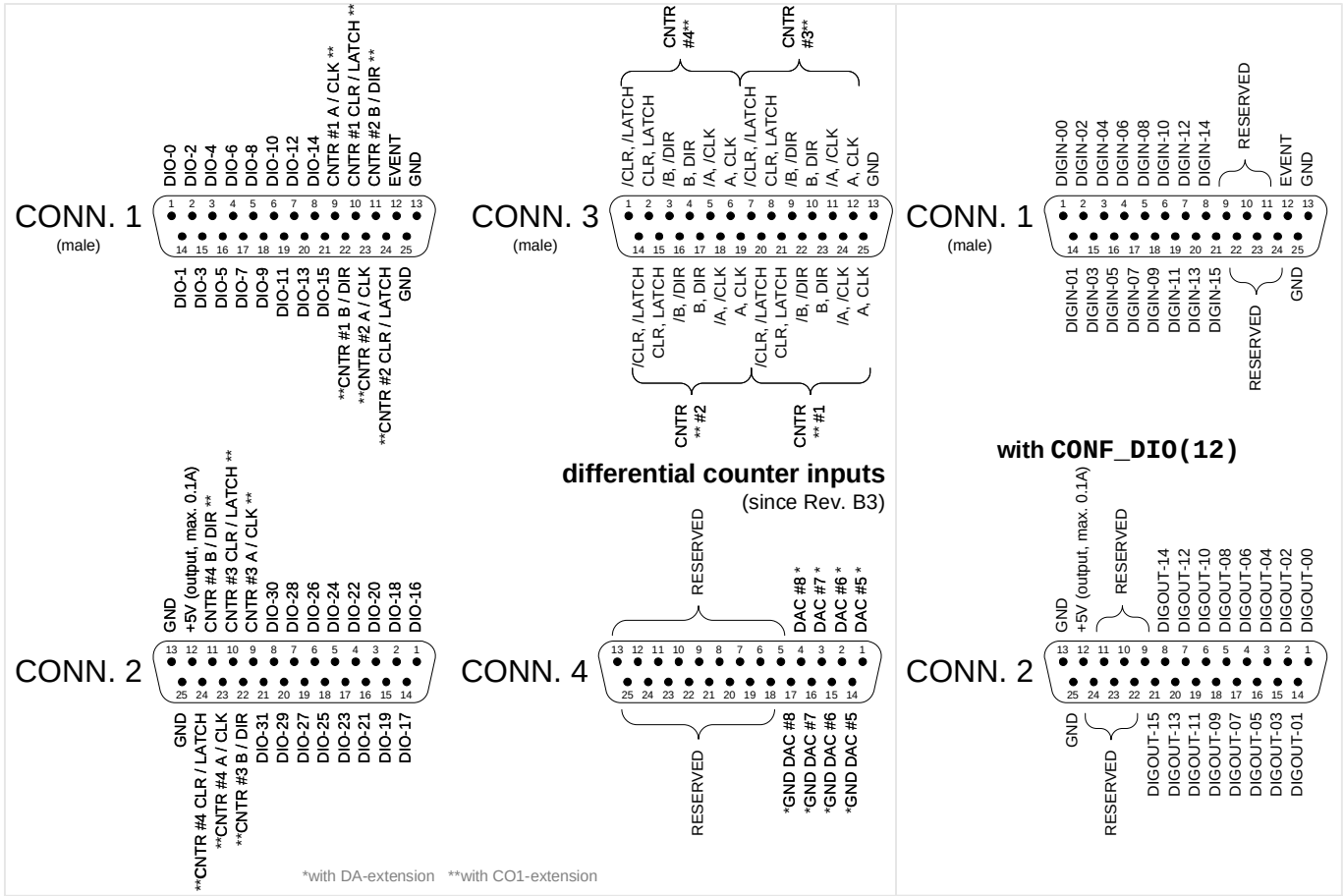

If not otherwise noted, all connectors are of female type.

ADwin-Gold-D (part 1)

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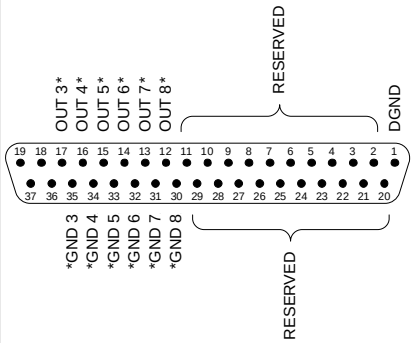
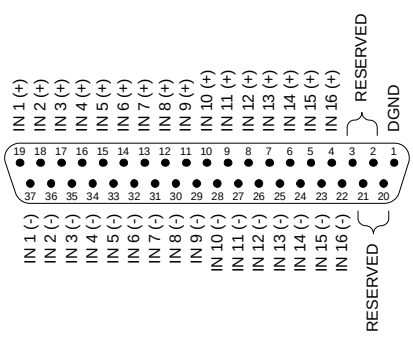
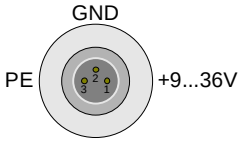


ANALOG OUT (male)

*with -DA extension

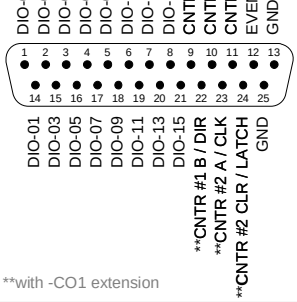


ANALOG IN (female)



ADwin-Gold-
power-supply (male)

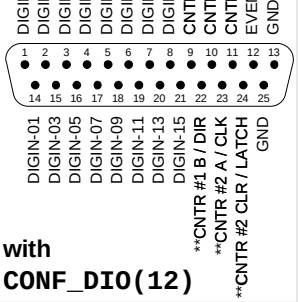
DIO 00-15 (IN) (male)



ANALOG OUT (male)

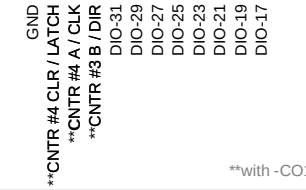
**with -CO1 extension

DIO 00-15 (IN) (male)



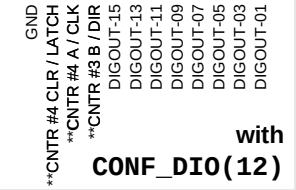
with CONF_DIO(12)

DIO 16-31 (OUT)



**with -CO1 extension

DIO 16-31 (OUT)



with CONF_DIO(12)

If not otherwise noted, all connectors are of female type.

ADwin-Gold-D (part 2)

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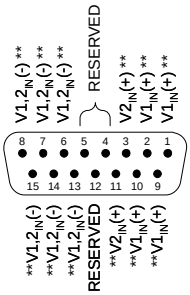
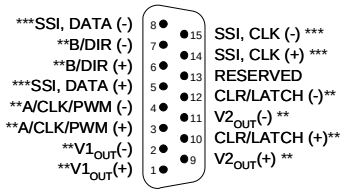


****CO POWER IN**



****CO1, ... , CO4** (male)

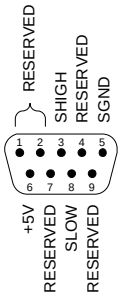
**with -CO1 extension, ***with COM extension

RS232 legend:

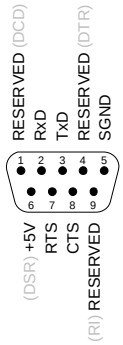
DCD - Data Carrier Detect
RxD - Receive Data
TxD - Transmit Data
DTR - Data Terminal Ready
SGND - Signal Ground
DSR - Data Set Ready
RTS - Request To Send
CTS - Clear To Send
RI - Ring Indicator

RS485 legend:

SHIGH - Signal HIGH
SGND - Signal Ground
SLOW - Signal LOW

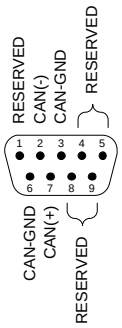


*****COM1, ***COM2**
(RS485) (male)

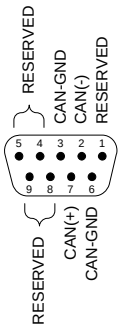


*****COM1, ***COM2**
(RS232) *(male)*

***with -COM extension

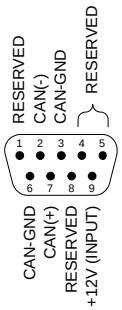


*****CAN 1.1 & ***CAN 2**
(male)

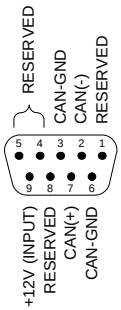


*****CAN 1.2**

***with -COM extension



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



*****CAN-LS 1.2**

***with -COM extension

If not otherwise noted, all connectors are of female type.

***ADwin-light-16* (part 1)**

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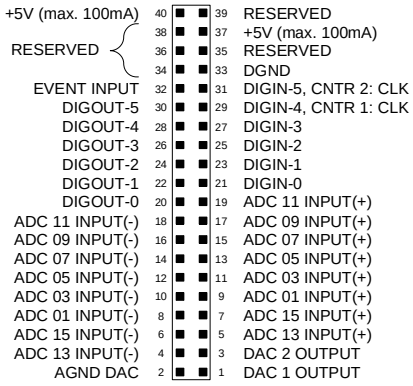
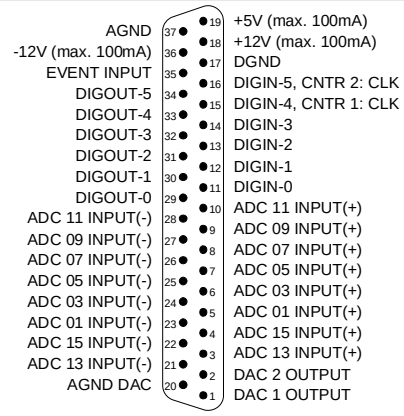
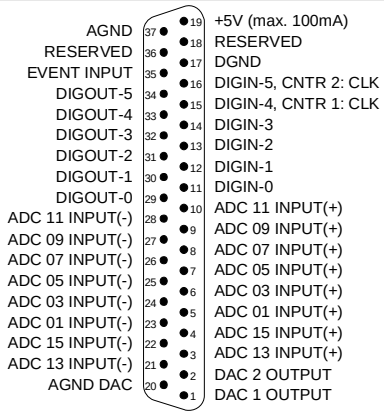


L16

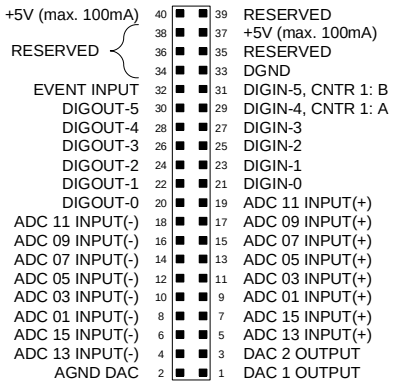
(optional dual-inline male conn., for internal wiring, D-sub-conn. cancelled)



L16-PCI & -cPCI

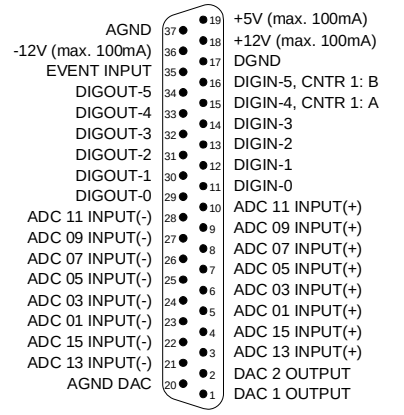


L16-EURO & -EXT

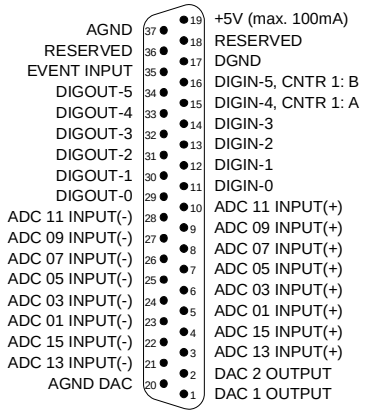


L16-CO1

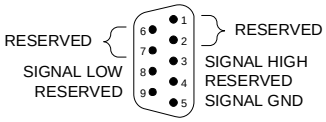
(optional dual-inline male conn., for internal wiring, D-sub-conn. cancelled)



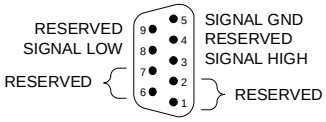
L16-CO1-PCI & -cPCI



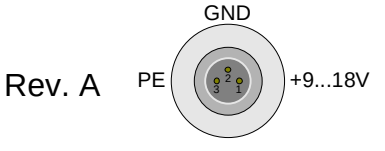
L16-CO1-EURO & -EXT



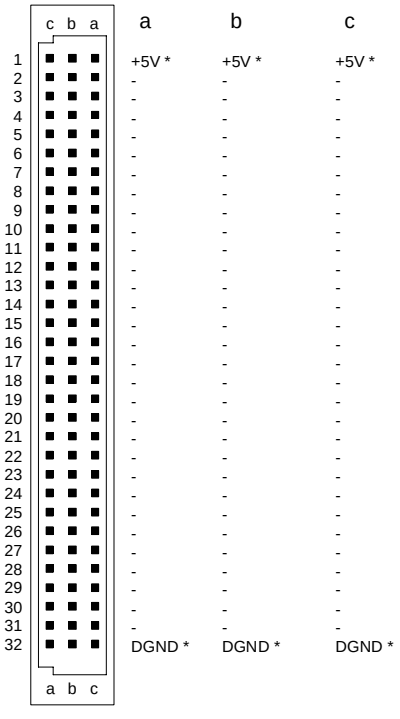
L16-LS-Bus (male)



L16-LS-Bus



L16-
power-supply
(male)



L16-EURO, VG96

* standard, but can be changed

If not otherwise noted, all connectors are of female type.

***ADwin-light-16* (part 2)**

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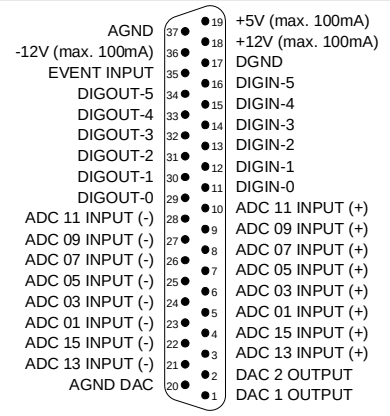
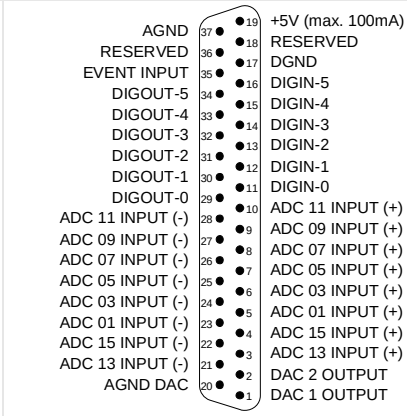
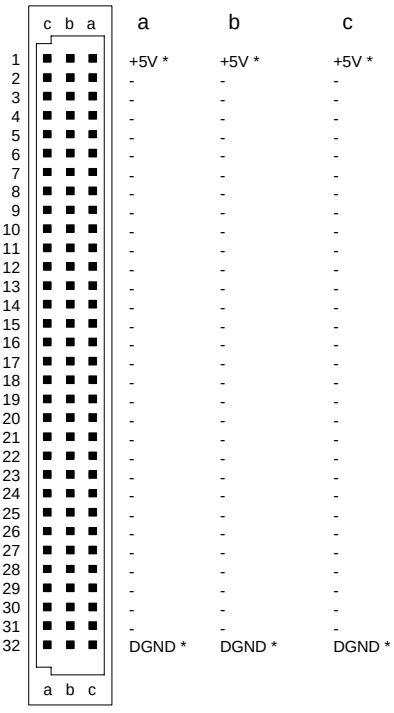


L16-PCI & -cPCI

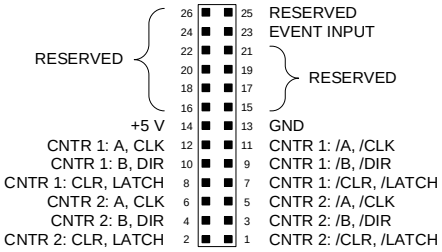


L16-EURO & -EXT



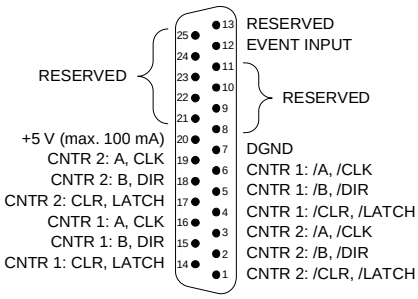
L16-DIO1-EURO, VG96

* standard, but can be changed

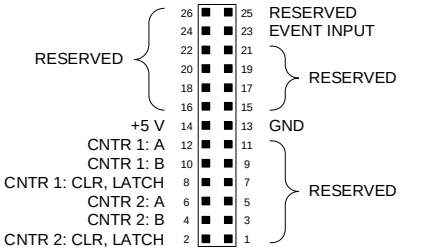


***L16-DIO1-Counter** (diff.)*

(dual-inline male connector)

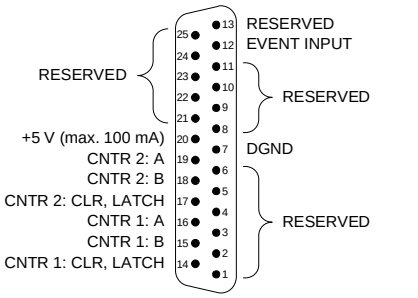


***L16-DIO1-Counter** (diff.)*

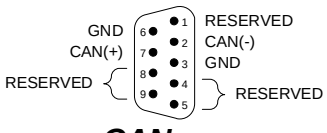


***L16-DIO1-Counter** (s.-e.)*

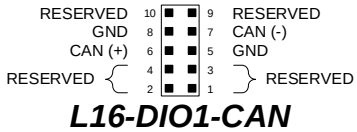
(dual-inline male connector)



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

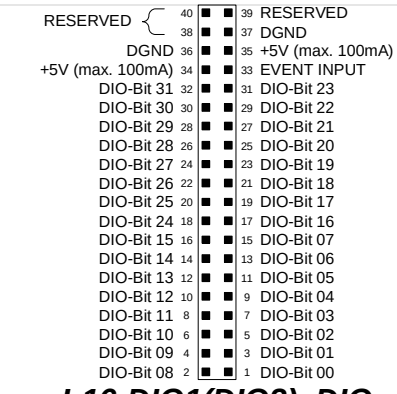


CAN (male)



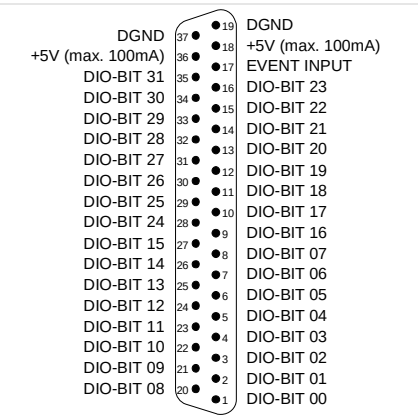
L16-DIO1-CAN

(dual-inline male connector)



L16-DIO1(DIO3), DIO

(dual-inline male connector)



L16-DIO1(DIO3), DIO

If not otherwise noted, all connectors are of female type.

***ADwin-light-16* (part 3)**

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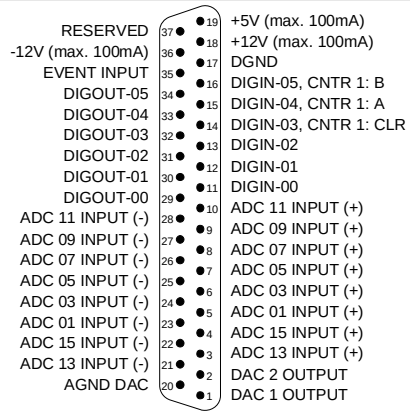
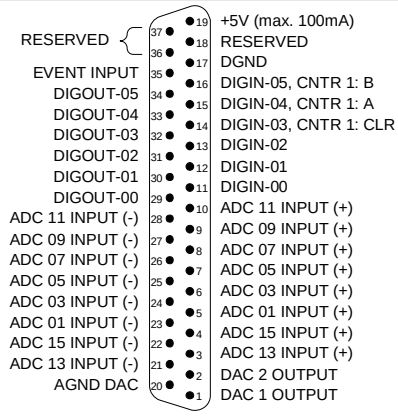
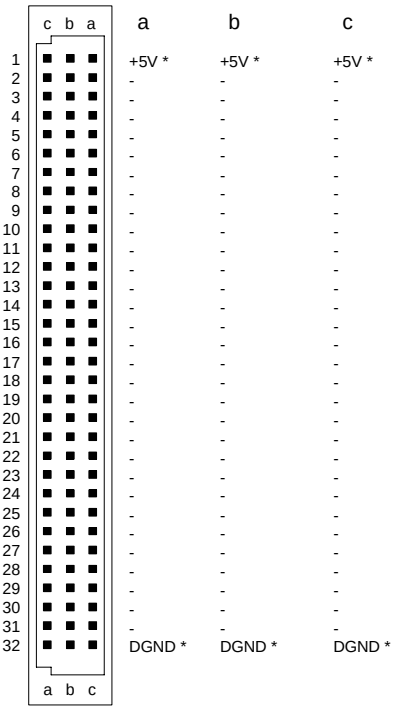


L16-DIO2-PCI & -cPCI

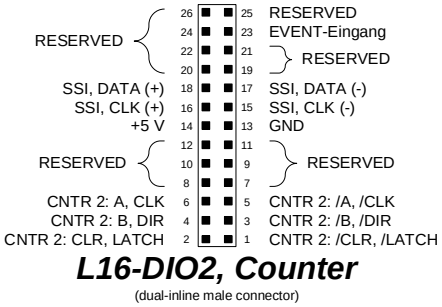


L16-DIO2-EURO & -EXT



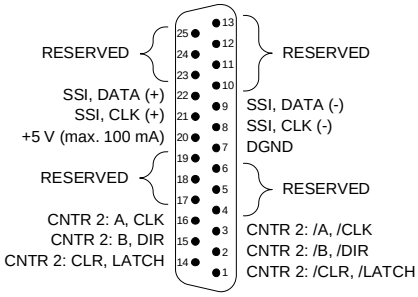
L16-DIO2-EURO, VG96

* standard, but can be changed

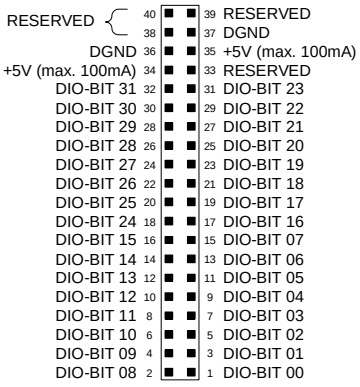


L16-DIO2, Counter

(dual-inline male connector)

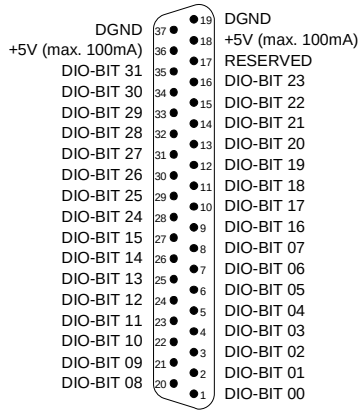


L16-DIO2, Counter* *(diff.)



L16-DIO2, DIO

(dual-inline male connector)



L16-DIO2, DIO

If not otherwise noted, all connectors are of female type.