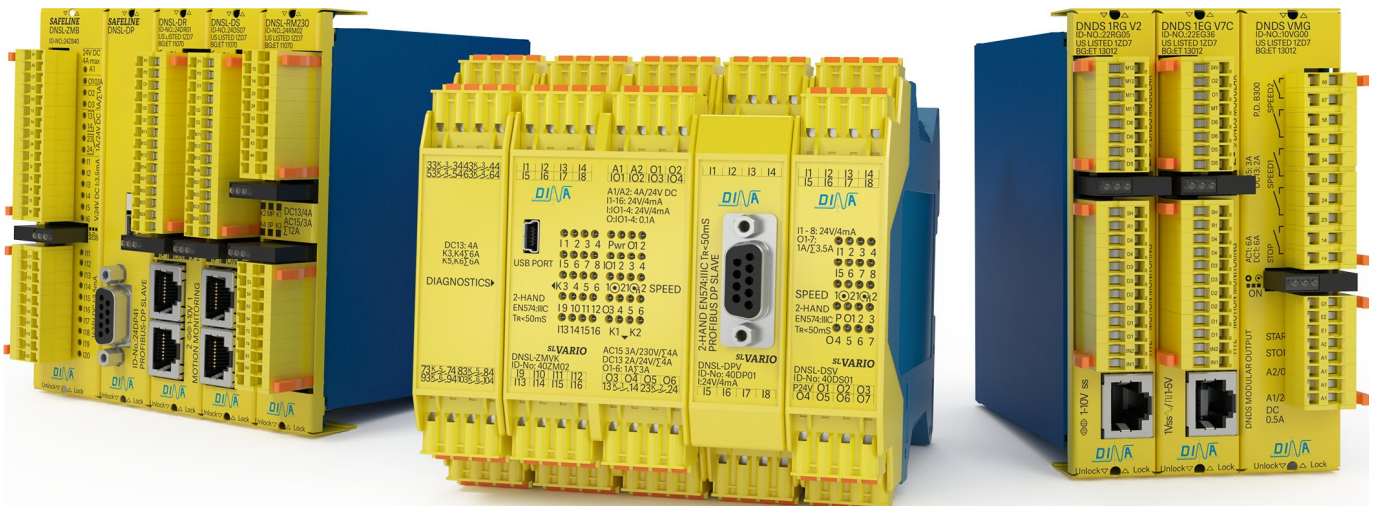




Kabeladapter
Cable adapter





DINA Elektronik GmbH

Esslinger Straße 84, 72649 Wolfschlugen

Tel. 07022/95 17-0, Fax 07022/95 17-51

www.dinaelektronik.de,

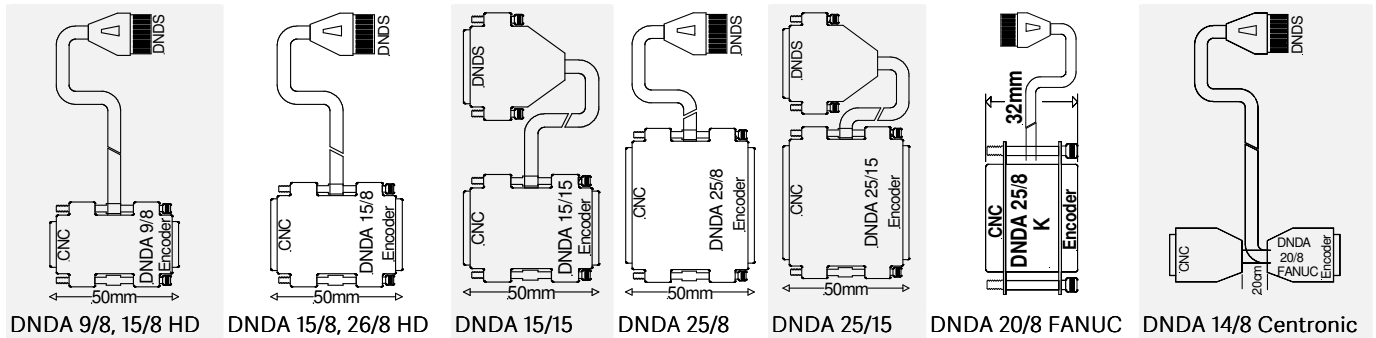
info@dinaelektronik.de

Qualitätsmanagementsystem

DQS zertifiziert nach DIN EN ISO 9001: 2008

Reg.-Nr.67542 QM 08





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Beschreibung

Der Kabeladapter (DNDA) dient als Verbindungsleitung zwischen dem Messsystem der Bewegungserfassung und dem Überwachungsmodul. Er verfügt über die nötigen Steckverbindungen. Der Kabeladapter ist für alle Steuerungsvarianten lieferbar. Der Adapter verfügt auf der Messsystemseite über einen Stecker und eine Buchse. Auf der Überwachungsseite (SafeLine oder DNDS) verfügt der Adapter über einen RJ45 Stecker.

DNDA hat eine Standardkabellänge von 2,5m, andere Kabellängen sind auf Wunsch erhältlich.

DNRJ45 Kabeladapter verfügt an einem Ende über einen RJ45 Stecker und am anderen Ende über einzelne Drahtadern mit Aderendhülsen.

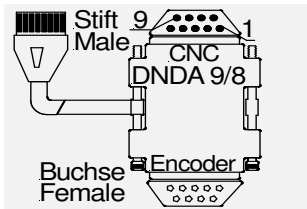
Description

The cable adaptor DNDA is used as an interconnection between the measurement system of the movement detection and the motion monitoring system. The adaptor is equipped with all necessary connection plugs.

It is available for all CNC variations. It is equipped at the side of the measurement system with a male and female plug. At the monitoring side (SafeLine or DNDS) there is a RJ45 plug.

DNDA has a standard cable length of 2,5m; other lengths on request.

DNRJ45 is provided with a RJ45 plug. At the second end there are single wires equipped with cable-end sleeves.

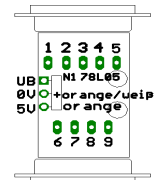


DNDA 9/8 (RJ>P9-F)

Messsystemverbindung: Buchse
 Pin Verbindung: siehe unten.
 RJ45 an der Seite Pin 9
 Beispiel: DNDA 9/8 AC122

Measuring system connection: female
 Pin connection: see down.
 RJ45 at the side pin 9
 Example: DNDA 9/8:AC122

N1 nur bei UB>5V



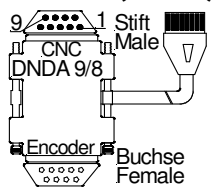
Signal/ Index	X8-Lenze	Indel-SAC2	C99/D	CT-SK3	C-88	NTI X12	MTU-1	Lust CDD/R	MD84
or UB	4	9	5	2	1	1	9	---	4
or-ws 0V	5	8	6	1	2	5	6	4	5
gn-ws A	3	2	2	3	3	6	4	1	1
gn A/	2	3	7	4	5	2	5	2	2
bn-ws B	1	4	3	5	4	7	1	3	6
bn B/	9	5	8	6	6	3	2	8	7
ID-No.:	93LE21	91PS23	91ZE21	91CM21	91EC21	91NT21	91MT21	91LU09	93SM21

Signal/ Index	SEW-X15Enc	SEW- X15R	RMS-1	SRS50	Lenze	PCQ-4	IEF X4 E	SRS50M3
UB	---	---	7	---	---	6	2	---
0V	5	---	4	9	3	1	3	9
A	1	1	6	1	6	7	1	1
A/	6	6	1	2	7	3	6	2
B	2	2	8	3	4	8	9	3
B/	7	7	3	4	5	4	5	4
ID-No.:	92RE02	91RE21	91RM21	91SR21	92LE21	---	92IE21	93SR21

Signal/ Index	Lust CDD/SLR	IEF X2A R	AX2000	Indel/R	AMK-X130	AC122	Lenze/R	SM-SD2 X8
UB	---	---	---	---	---	---	---	---
0V	---	---	---	---	---	---	3	---
A	1	1	8	4	3	4	6	1
A/	2	6	4	8	4	8	7	6
B	3	2	7	3	5	3	4	4
B/	8	7	3	7	6	7	5	9
REF+	6	4	9	5	7	5	1	7
REF-	7	9	5	9	8	9	2	3
ID-No.:	92LU09	91IE21	91AX21	91ID21	91AM21	92BR21	94LE21	91SM21

Signal/ Index	Ferro con-2R
or UB	---
or-ws 0V	---
gn-ws A	4
gn A/	5
bn-ws B	3
bn B/	2
bl-ws REF	1
bl REF/	9
ID-No.:	91FC22

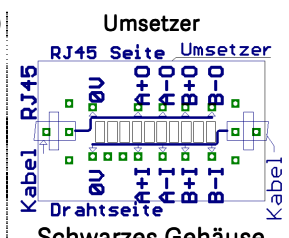
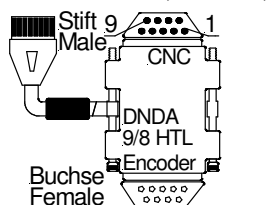
DNDA 9/8 (RJ>P1-F)



Signal/ Index	AC122	PDMS-A9/8 STECS1R	PDMS-A9/8 STECS2R	Jet Move X61 Hifa
or UB	---	---	---	5: 7-12v
or-ws 0V	---	---	---	4
gn-ws A	4	8	---	7
gn A/	8	4	---	2
bn-ws B	3	3	---	8
bn B/	7	7	---	3
ID-No.:	92BE21	92SE21	91SE21	93JM21

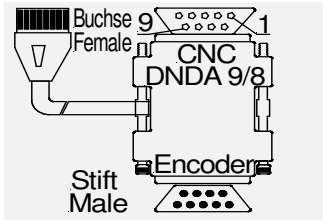
Signal/ Index	140R	Jet MoveX61 R
or UB	---	---
or-ws 0V	5	---
gn-ws A	7	7
gn A/	3	2
bn-ws B	8	8
bn B/	4	3
bl-ws REF	9	1
bl REF/	5	6
ID-No.:	91SL21	91JM21

DNDA 9/8 HTL (RJ>P9-M)



Signal/ Index	BR-X6-HTL	CT-SK3-HTL
or UB: 24VDC	8	---
or-ws 0V	9	1
gn-ws A: 24V	1	3
gn A/: 24V	2	4
bn-ws B: 24V	3	5
bn B/: 24V	4	6
ID-No.:	91BR01	92CO72

DNDA 9 C99/D	Signal/ Index	C99/D
	or UB	5
	or-ws OV	6
	gn-ws A	2
	gn A/	7
	bn-ws B	3
	bn B/	8
ID-No.:		91ZE51

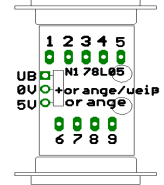


DNDA 9/8 (RJ > P9-M)

Messsystemverbindung: Stift
 Pin Verbindung: siehe unten.
 RJ45 an der Seite Pin 9
 Beispiel: DNDA 9/8 JG

Measuring system connection: male
 Pin connection: see down
 RJ45 at the side pin 9
 Example: DNDA 9/8 JG

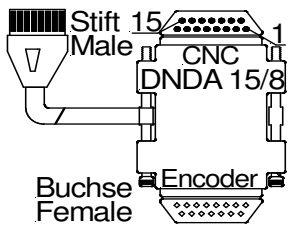
N1 nur bei UB > 5V



Signal/ Index	JG	Bihler	AMK	JG8V	JBG-RES	FerroCon-1	S120	JAT-X11
or UB	4		7	4 (10V)	---	---	---	1
or-ws OV	5		8	5	---	---	9	6
gn-ws A	3	8	4	3	3	4	1	2
gn A/	2	9	3	2	8	5	6	7
bn-ws B	1	6	6	1	4	3	3	3
bn B/	9	7	5	9	9	2	8	8
ID-No.:	91JU90	91RE90	91AM91	91LE21	91JB21	91FC21	91KK21	91JA21

Signal/ Index
UB
OV
A
A/
B
B/
ID-No.:

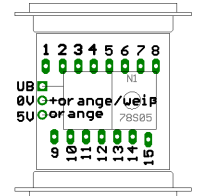
N1 nur bei UB>5V



DNDA 15/8 (RJ>P15-F)

Messsystemverbindung: Buchse RJ45 an der Seite Pin 15
 Pin Verbindung: siehe unten.
 Beispiel: DNDA 15/8 DKC/R

Measuring system connection: female Rj45 at the side pin 15
 Pin connection: see down.
 Example: DNDA 15/8 DKC/R



Signal/ Index	DKC/R	DLF01.1M	FM-NC-B	AMK-RES	SITRA	AC120/124	AMK	MHD/G	ALBR
UB		12	4		4	4	7	12 (10V)	9
OV	4	10	9	8	5	2	8	4	12
A	2	7	15	10	7	1	4	2	1
A/	9	8	14	9	13	9	3	9	
B	3	5	13	12	15	3	6	3	3
B/	10	6	12	11	6	11	5	10	
ID-No.:	97IN22	92IN22	91SJ22	92AM22	91ST22	93AT22	91AM22	91IN22	91AB22

Signal/ Index	Bosch M5	AC121	BM4	SEW X15	DSC2P	Indra DYN	AMK/08P	BMVR1	DARC
UB	9	4 (10V)	2 (10V)	15 (10V)	4	11 (10V)	15 (10V)	2 (10V)	12 (10V)
OV	12	2	1	7/8	5	4	8	1	6
A	1	1	8	2	14	2	4	8	5
A/	2	9	7	10	7	3	3	7	3
B	3	3	5	1	13	5	6	5	8
B/	4	11	9	9	6	6	5	9	4
ID-No.:	91BO22	94AT22	92BM22	91RE01	91CP22	99IN22	93AM22	91BN22	91DA22

Signal/ Index	HIFA-C	FAGOR	Hauser Compax 1570M	Stoeber X4	FGB-1	EP1190	EPL/K	Indra dyn-Ub	DEF01.1 M
UB	4 (10V)	9		4	2	15			12
OV	3	11		2	3	13	13	4	10
A	1	1	13	6	1	1	1	2	5
A/	9	2	5	11	9	2	2	3	6
B	12	3	12	1	12	3	3	5	8
B/	5	4	11	9	5	4	4	6	1
ID-No.:	91HI22	91FR22	91HA22	92ST22	91FG22	91EP22	91EK22	99IN62	

Signal/ Index	BM-5V	SMC30	MCB-3	Kit R	AC121B	INFOT	611D-B	MC S-7/E-8	VRZ EPIS
UB	2	4 (10V)	15	8	4 (10V)	12	1	9	8
OV	1	7	10	9	2	10	2	1	4
A	8	15	3	14	1	1	3	5	7
A/	7	14	9	6	9	9	4	13	15
B	5	13	6	13	3	3	6	6	6
B/	9	12	11	5	11	11	7	14	14
ID-No.:	94BM22	91SM22	93MC22	92KI22	95AT22		91EL22	94MC22	91VE22

Signal/ Index	B+R PNM	B+R AC120 PNM	B+R AC121 PNM	MOVIAXIS	HM-HELL	Acopos1180	NRM88C	Bosch RC62
UB					3	7	2	5
OV	2	2	2		11	10	3	10
A	11	1	1	2	12	12	8	3
A/	3	9	9	10	13	13	9	4
B	9	3	3	1	7	14	19	1
B/	1	11	11	9	14	15	11	2
ID-No.:	95BR22	93BR22	94BR22	91MO22				

Signal/ Index	
UB	
OV	
A	
A/	
B	
B/	
ID-No.:	

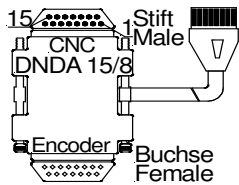
AC121B: Pin 8 und 10 entfernt

B+R AC121 PNM: Pin 8+10 entfernt / removed,

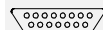
Achtung: Für DNDA15/8-B+R-AC121-PNM und DNDA15/8-B+R-AC120-PNM handelsübliches Patchkabel verwenden.

Signal/ Index	BM4 R	MCR-6	MDLA R	BM4 SLR
UB				
OV				
A	7	3	5	7
A/	8	11	12	8
B	9	2	6	5
B/	5	10	13	9
REF+		4	14	2
REF-		12	7	1
ID-No.:	93BM22	92MC22	93MD22	

N1 nur bei UB>5V

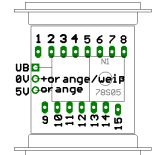


DND A 15/8 (RJ>P1-F)



Messsystemverbindung: Buchse RJ45 an der Seite Pin 1
Pin Verbindung: siehe unten.
Beispiel: DND A 15/8 MHD/GE

Measuring system connection: female Rj45 at the side pin 1
Pin connection: see down.
Example: DND A 15/8 MHD/GE



Signal/ Index	MHD/GE	AC120E	AC121E	AC123E	AC123SE	Indra dyn2	ANCA 5DX	ANCA AMD5000
or UB	12 (10V)	4	4 (10V)	9	9	—		
or-ws OV	4	2	2	12	12	4	15	15
gn-ws A	2	1	1	1	1	2	14	14
gn A/	9	9	9	2	3	3	7	7
bn-ws B	3	3	3	3	3	5	10	10
bn B/	10	11	11	4	4	6	2	2
ID-No.:	92JN22	93BE22	94BE22		96BE22	99PS22	91AN22	91AN23

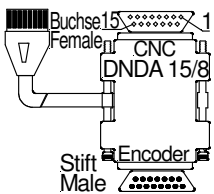
Signal/ Index	X4S	S300					PDMS-A 15/8 STEC S2 E
UB	4	4					10
OV	2	2					3
A	11	11					14
A/	3	3					7
B	9	9					15
B/	1	1					8
ID-No.:	91XS22	91DH22					91SE22

AC121E: 8+10 Stift entfernt
male pin removed

X4S: 1, 3, 6, 7, 9, 10, 11, 14 Stift entfernt
male pin removed

AC123E: mit Gleitverriegelung
with slide locks

ANCA 5Dx: mit Schrauben
with screws



DND A 15/8 (RJ>P15-M)

Messsystemverbindung: Buchse RJ45 an der Seite Pin 15
Pin Verbindung: siehe unten.
Beispiel: DND A 15/8 FM-NC

Measuring system connection: female Rj45 at the side pin 15
Pin connection: see down.
Example: DND A 15/8 FM-NC

Signal/ Index	SIMO 611D	611D UB15V	FM-NC	SIN 800	WF723C	DLF01.1M-A	D150	ACS-J12	MCH4A
or UB	1		4	14	4	12	4	1	15 (10V)
or-ws OV	2	2	9	11	7	10	5	15	8
gn-ws A	3	3	15	1	15	7	8	2	2
gn A/	4	4	14	9	14	8	7	10	10
bn-ws B	6	6	13	10	13	6	13	3	1
bn B/	7	7	12	3	12	5	14	11	9
ID-No.:	91SI22	97SO22	98SI22	96SI22	98SO22	96IN22	91SO22	91AC22	94SO22

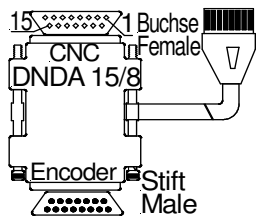
Signal/ Index	DZF 03.1M	Indr Enc Emul	DAE1.1	E-PMC2	SCC200	Num MdlA100	DSV-X3	B03315	SINUM 3T
UB	12	—	12	14 (10V)	8	—	3	7	14
OV	10	10	10	5	15	—	4	15	15
A	7	12	5	2	14	12	1	1	1
A/	15	13	6	1	6	5	2	2	2
B	13	14	8	4	13	13	5	4	4
B/	14	15	1	3	5	6	6	5	5
ID-No.:	93IN22	98IN22	94IN22	93SO22	91SC22	94NU21	92PA23	94SS22	97SI22

Signal/ Index	KEB	MC S-7/E-8	T&R	HDO/W	BOEHR	X9-Lenze	TR01	SSD	DAR02.1M
UB	12	9	11 (10V)	12 (10V)	14	4	11 (10V)	10	12
OV	10	1	12	1	3	5	12	2	10
A	5	5	5	9	9	3	5	1	5
A/	6	13	6	7	2	2	6	9	6
B	8	6	9	10	1	1	7	3	8
B/	1	14	10	3	11	9	8	11	1
ID-No.:	91KB22	94MC22							

Signal/ Index	DFF01.1	EP20	NTI X13		Siem ADI4
UB	12 (10V)		1		4
OV	4	15	5		7
A	9	2	9		15
A/	2	1	2		14
B	10	3	10		13
B/	3	4	3		12
ID-No.:		92EP22	91NT22		91SA22

Signal/ Index					
UB					
OV					
A					
A/					
B					
B/					
ID-No.:					

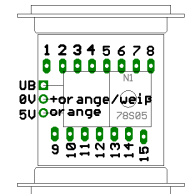
N1 nur bei UB>5V



DND A 15/8 (RJ>P1-M)

Messsystemverbindung: Buchse
 RJ45 an der Seite Pin 1
 Pin Verbindung: siehe unten.
 Beispiel: DND A 15/8 DKC2.3

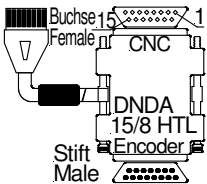
Measuring system connection: female
 Rj45 at the side pin 1
 Pin connection: see down.
 Example: DND A 15/8 DKC2.3



Signal/ Index	DKC 2.3	SIMO E 611D
or UB	12	1
or-ws 0V	10	2
gn-ws A	7	3
gn A/	8	4
bn-ws B	6	6
bn B/	5	7
ID-No.:	95IN22	92SI22

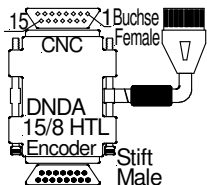
Signal/ Index	AX5-R
or UB	
or-ws 0V	2
gn-ws A	11
gn A/	4
bn-ws B	10
bn B/	3
bl-ws REF	12
bl REF/	5
ID-No.:	92AX42

DND A 15/8 HTL (RJ>P15-M)



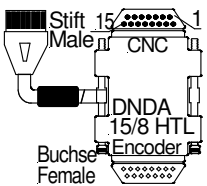
Signal/ Index	X23-HTL-SL	611D-HTL-SL
or UB: 24VDC		
or-ws 0V	7	2
gn-ws A: 24V	15	3
gn A/: 24V	14	4
bn-ws B: 24V	13	6
bn B/: 24V	12	7
ID-No.:	92SK21	92SK20

DND A 15/8 HTL (RJ>P1-M)



Signal/ Index	AC123 DS	AC123-2
or UB: 24VDC	13	13
or-ws 0V	12	12
gn-ws A: 24V	1	1
gn A/: 24V	2	13
bn-ws B: 24V	3	3
bn B/: 24V	4	13
ID-No.:	97BE22	98BE22

DND A 15/8 HTL (RJ>P15-F)

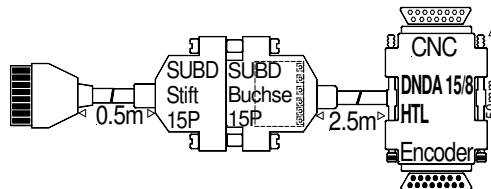


Signal/ Index	SMC30-HTL-SL	MDS5-HTL-SL
or UB: 24VDC	---	---
or-ws 0V	7	2
gn-ws A: 24V	15	6
gn A/: 24V	14	11
bn-ws B: 24V	13	1
bn B/: 24V	12	9
ID-No.:		92MD22

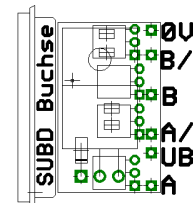
DND A 15/8 HTL (RJ>P15-M)

Messsystemverbindung: Stift
 RJ45 an der Seite Pin 15
 Pin Verbindung: siehe unten.

Measuring system connection: male
 RJ45 at the side pin 15
 Pin connection: see down.



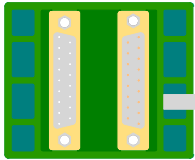
Beispiel / Example: DND A 15/8 HTL 611D



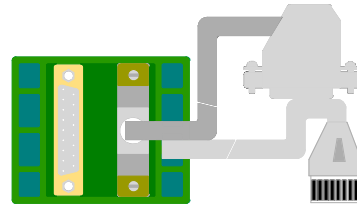
Signal/ Index	611D	-1 611D	611D LISMAR	BRATZ	FDS5000 -X4	SMC30
or UB: 24VDC	1	1	12	12	4	4
or-ws 0V	2	2	4	10	2	7
gn-ws A: 24V	3	3	9	5	6	15
gn A/: 24V	4		2	6	11	14
bn-ws B: 24V	6	6	10	8	1	13
bn B/: 24V	7		3	1	9	12
ID-No.:	92SJ22	93SJ22	91FT25	91BZ02	92FD22	92SC22

	<table border="1"> <thead> <tr> <th>Signal/ Index</th> <th>S300 TWIN R</th> <th>S300 TWIN L</th> </tr> </thead> <tbody> <tr> <td>or UB</td> <td>4</td> <td>4</td> </tr> <tr> <td>or-ws 0V</td> <td>2</td> <td>2</td> </tr> <tr> <td>gn-ws A</td> <td>11</td> <td>9</td> </tr> <tr> <td>gn A/</td> <td>3</td> <td>1</td> </tr> <tr> <td>bn-ws B</td> <td>9</td> <td>11</td> </tr> <tr> <td>bn B/</td> <td>1</td> <td>3</td> </tr> <tr> <td>ID-No.:</td> <td>91TR22</td> <td>91TL22</td> </tr> </tbody> </table>	Signal/ Index	S300 TWIN R	S300 TWIN L	or UB	4	4	or-ws 0V	2	2	gn-ws A	11	9	gn A/	3	1	bn-ws B	9	11	bn B/	1	3	ID-No.:	91TR22	91TL22																																																																			
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Signal/ Index	Indra Drive X4	X-OUT	SIMO 611 D	X-OUT	SIN 800	X-OUT	DZF03.1M	X-OUT																																																																																				
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bn-ws B	6	10	6	6	10	6	13	6																																																																																				
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DNDA-H 15/8)

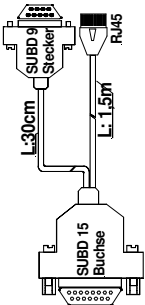


Signal/ Index	H DMC	DNDA-H 15/8
or UB	13	
or-ws 0V	11	
gn-ws A	9	
gn A/	14	
bn-ws B	1	
bn B/	4	
ID-No.:	95SI22	



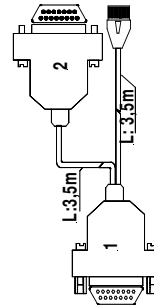
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3
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99BE22

DNDA 15B/9S/8 TR

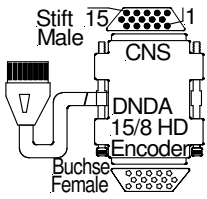


Signal/Index	SUBD15	SUBD 9	RJ45
UB	11(24V)	or 5	
0V	12	or-ws 9	or-ws
A	5		gn-ws
A/	6		gn
B	7		bn-ws
B/	8		bn
CL-	1	gn-ws 4	
CL+	2	gn 3	
D+	3	bn-ws 1	
D-	4	bn 2	
ID-No.:	99SO04		

DNDA 15B/15S/8TR



SUBD 15/1	SUB D 15/2	RJ45
15	or-ws 8	or-ws
14	gn-ws 4	gn-ws
6	gn 3	gn
13	bn-ws 6	bn-ws
5	bn 5	bn
ID-No.:	91GE22	



DNDA 15/8 HD (RJ>P15-F)

Messsystemverbindung:

Buchse

RJ45 an der Seite Pin 15

Pin Verbindung:

siehe unten.

Beispiel:

DNDA 15/8 HD ZEISS

Measuring system connection:

Female

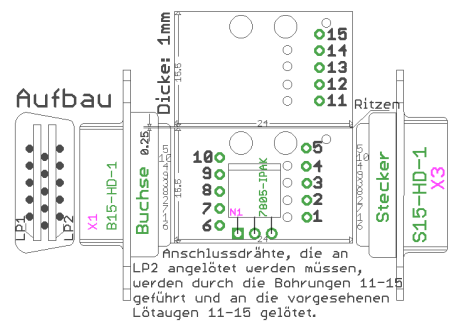
Rj45 at the side pin 15

Pin connection: see down

Example:

DNDA 15/8 HD ZEISS

N1 nur bei UB>5V

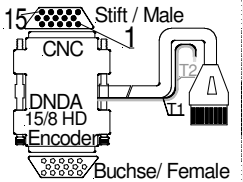


Signal/ Index	ZEISS	Lust CDD 3000	KEB-S4/F4	Unidr-SP	KEB-X3A	KIN	S4000-TTL	JAT-1	S4000-SIN
or UB	4	3	12	---	12	14	5	---	5
or-ws 0V	9	8	13	14	13	6	10	6	10
gn-ws A	7	2	8	1	8	1	7	2	12
gn A/	2	1	3	2	3	2	1	7	8
bn-ws B	6	11	9	3	9	3	4	3	11
bn B/	1	6	4	4	4	4	9	8	6
ID-No.:	91ZE22	92LU22	92PA24	92PA26	92PA54	91KI22	91SA32	91JA22	92SA32

Signal/ Index	AAZ	COMPAX X13	Fagor AXD	JAT-1	ZEISS 2	SL X4	Unidr-SP	XENJ8	HIWIN X10
UB	14	5	9	---	5	---	---	---	5
0V	11	15	11	6	9	11	14	15	15
A	1	8	1	2	7	5	1	14	1
A/	9	7	2	7	2	15	2	13	6
B	10	12	3	3	6	4	3	12	2
B/	3	11	4	8	1	14	4	11	7
ID-No.:	91AZ22	91CO22	92FR22	91JA22	92ZE22	92SL12	92PA26	91XE22	92HI22

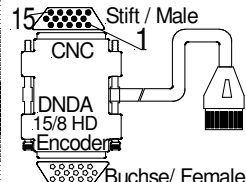
Signal/ Index	Compax X13R
or UB	---
or-ws 0V	---
gn-ws A	8
gn A/	7
bn-ws B	12
bn B/	11
bl-ws REF+	4
bl REF-	15
ID-No.:	93CO22

DNDA 15/8 HDT (RJ>1-F)



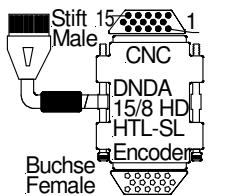
Signal/ Index	SBZ RJ	SBZ
or UB	13	---
or-ws 0V	6	---
gn-ws A	5	---
gn A/	10	---
bn-ws B	8	---
bn B/	9	---
T1	12	12
T2	14	14
ID-No.:	92SB22	91SB22

DNDA 15/8 HD (RJ>1-F)



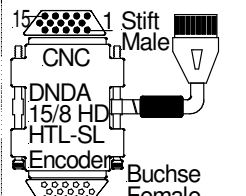
Signal/ Index	FerroCon-3/H
or UB	13
or-ws 0V	6
gn-ws A	5
gn A/	10
bn-ws B	8
bn B/	9
ID-No.:	91FC23

DNDA 15/8 HD HTL SL (RJ>15-F)

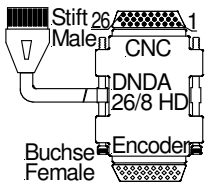


Signal/ Index	WMH1
or UB	7
or-ws 0V	3
gn-ws A	3
gn A/	8
bn-ws B	4
bn B/	9
ID-No.:	91WH22

DNDA 15/8 HD HTL SL (RJ>1-F)



Signal/ Index	
or UB	---
or-ws 0V	---
gn-ws A	---
gn A/	---
bn-ws B	---
bn B/	---
ID-No.:	---



DNDA 26/8 HD (RJ>P26-F)

Messsystemverbindung:

Buchse

RJ45 an der Seite Pin 26

Pin Verbindung: siehe unten.

Beispiel:

DNDA 26/8 HD SR/UM

Measuring system

connection:

Female

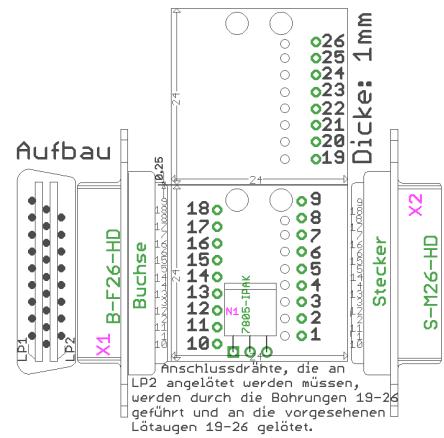
Rj45 at the side pin 26

Pin connection: see down

Example:

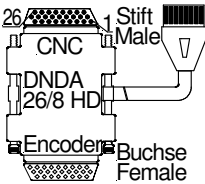
DNDA 26/8 HD SR/UM

N1 nur bei UB>5V



Signal/ Index	SF/UM	EL-5V-1	EL-8V-1	NUM MDL3	Reni SR	BM5000	Reni Shaw
or UB	26	24	—	—	—	2	—
or-ws 0V	18	25	25	5	9	1	9
gn-ws A	5	1	1	11	1	6	24
gn A/	6	10	10	2	19	7	6
bn-ws B	23	2	2	10	2	4	7
bn B/	24	11	11	1	11	5	16
ID-No.:	96SO98	91EL58	91EL38	91MD28	93ZE100	91BM25	93ZE25

DNDA 26/8 HD (RJ>1-F)



Signal/ Index

or UB

or-ws 0V

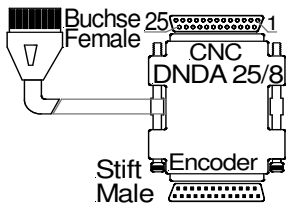
gn-ws A

gn A/

bn-ws B

bn B/

ID-No.:

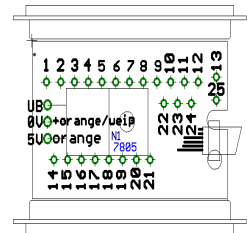


DND A 25/8 (RJ>P25-M)

Messsystemverbindung:
 Stift RJ45 an der Seite Pin 25
 Pin Verbindung: siehe unten.
 Beispiel:
 DND A 25/8 SIMO 611D

Measuring system connection:
 Male RJ45 at the side pin 25
 Pin connection: see down
 Example:
 DND A 25/8 SIMO 611D

N1 nur bei UB>5V



Signal/ Index	SIMO 611D	ARADEX	ATLAS COPCO	NUM1050	NUM 1050-S2	LC481	611D R	NUM1062	CEV-65-M
or UB	1	1	18	9 (10V)	9		—	22	—
or-ws 0V	2	12	3	21	21		11	21	11
gn-ws A	3	2	20	13	13	20	3	6	2
gn A/	4	3	7	25	25	7	4	5	3
bn-ws B	6	4	19	12	12	19	6	10	4
bn B/	7	5	6	24	24	6	7	9	5
ID-No.:	91SI25	91AR25	91AT25	91NU25	92NU25	22AT25	95SJ25	93NU25	91CE25

Signal/ Index	DAG01.2M	SM140	DANAHER 400-X6	SM140-5	FIDIA
UB	5	24 (12V)	8	24 (5V)	20
0V	3	14	22	14	8
A	2	10	6	10	10
A/	15	9	19	9	22
B	4	8	7	8	6
B/	17	7	20	7	5
ID-No.:		92SM25		93SM25	91FD25

Signal/ Index	Simovert-Res	611D-NI
or UB	—	1
or-ws 0V	—	2
gn-ws A	3	3
gn A/	4	4
bn-ws B	6	6
bn B/	7	7
bl-ws REF+	9	17
bl REF-	11	18
ID-No.:	91SV25	

DND A 25/8 T (RJ>25-M)	Signal/ Index	SIMO611D	DND A 25/6 E / ET (RJ>1-M)	ET SIMO611D	ETV2 SIMO 611D	
	or UB	1		1	1	
	or-ws 0V	2		2	2	
	gn-ws A	3		3	3	
	gn A/	4		4	4	
	bn-ws B	6		6	6	
	bn B/	7		7	7	
	SW	13		13	13	
	GR	25		25	25	
	ID-No.:	95SI25			96SI25	98SI25

DND A 25/6 E (RJ>1-M)	Signal/ Index	E SIMO611D
	or UB	1
	or-ws 0V	2
	gn-ws A	3
	gn A/	4
	bn-ws B	6
	bn B/	7
	ID-No.:	92SI25

DND A 25/8K (RJ>25-M)	Signal/ Index	K SIMO 611D
	UB	1
	0V	2
	A	3
	A/	4
	B	6
	B/	7
	ID-No.:	91SK25

DND A 25/8 TWIN (R>25-M)	Signal/ Index	611D	25/2-8 611D	EP20
	UB	1	1	RJ45-1 RJ45-2
	0V	2	2	13 13
	A	3	3	15 21
	A/	4	4	14 20
	B	6	6	16 22
	B/	7	7	17 23
	ID-No.:	97SJ25	91SI92	93EP25

DNDA 25/8 (RJ>P25-F)

Stift / Male
Buchse / Female

Signal/ Index	Aero	SM-SD2	SM-SD2 S/C
or UB	3	5 (12V)	9
or-ws 0V	21	14	14
gn-ws A	17	21	21
gn A/	18	8	8
bn-ws B	14	19	19
bn B/	15	6	6
ID-No.:	91AE24	91SM25	94SM25

DNDA 25/2

Buchse/Female
Stift/Male

Signal	SUB25	SUB9	Signal	Temp 611D
gn-ws A	3	3	13, 15	entfernt
gn A/	4	2		
bn-ws B	6	1		
bn B/	7	9		
bl-ws Z+	17	7	SW	13
bl Z-	18	6	GR	25
ID-No.:	94SK25		ID-No.:	93SI25

DNDA 25/3 DIN-R HTL (DIN-25-M)

CNC
Encoder

Signal	SUBD25	DIN8	Signal	SUBD25	DIN8
UB: 5V	1		GND	2	3
0V	2	3	REF Z	7	6
R: 1Vss	17	5	Z	14	5
R/: 1Vss	18	6			
ID-No.:	91DN95			92DN39	

DNDA 25/7 (OUT>25-M)

CNC
Encoder

Verbindung Buchse zu Stift getrennt:
13, 17, 18, 19, 20, 21, 22, 25

Buchsen Seite:
560 Ohm zwischen 1 – 17 + 2 – 18
120 Ohm zwischen 17 – 18

Signal	25/7 SIMO 611D TBS
or UB 24V DC	20
or-ws 0V	21
gn ES+	22
gn-ws ES-	17
bn MI8+	13
bn-ws MI8-	25
bl ENTKL	19
ID-No.:	96SJ57

DNDA 25 (offen>25-M)

CNC
Encoder

Signal/ Index	REF 611D
or UB	1
or-ws 0V	2
gn-ws A	3
gn A/	4
bn-ws B	6
bn B/	7
bl-ws REF+	17
bl REF-	18
ID-No.:	98SI80

DNDA 25B/25S/8 611D

Steckerhöhe max. 40mm
SUBD 1
SUBD 2

SUBD1	SUBD 2	RJ45
1 or 1	or 1	or 1
2 or-ws 2	or-ws 2	or-ws 2
3 gn-ws 3	gn-ws 3	gn-ws 3
4 gn 4	gn 4	gn 4
6 bn-ws 6	bn-ws 6	bn-ws 6
7 bn 7	bn 7	bn 7
ID-No.:	92SI99	

DNDA 20/8 Fanuc

CNC
Encoder

Signal/ Index	FANUC	FA/LI
or UB	20	20
or-ws 0V	12	12
gn-ws A	5	5
gn A/	6	
bn-ws B	7	7
bn B/	8	
ID-No.:	91FA24	

DNDA 14/8 Centronic

CNC
Encoder

Centronic
12
13
2
9
1
8

Stecker Pin sind mit den Buchse Pin eins zu eins verbunden.
male pin are with female pin one to one connected.

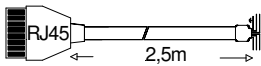
Stecker Pin sind mit den Buchse Pin eins zu eins verbunden.
male pin are with female pin one to one connected.

DNDA 23 T-Stück

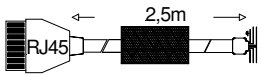
Kabel grau 2,5 m, Stecker M23
Lumberg T-Stück

Signal/ Index	23-T
or UB	
or-ws 0V	10
gn-ws A	5
gn A/	6
bn-ws B	8
bn B/	1
ID-No.:	91FA24

DNRJ 45

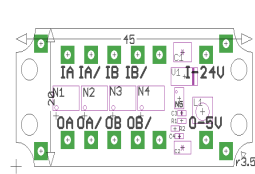
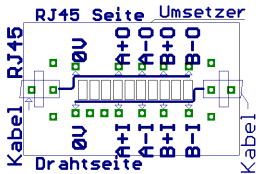


DNRJ 45 HTL-SL
DNRJ 45 HTL2
DNRJ 45 HTL 24UB



DNRJ 45 HTL-SL

DNRJ 45 HTL2, 24UB



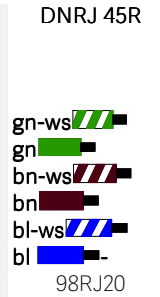
DNRJ 45

Signal
UB: 5V
0V
A: 1Vss, TTL
A/: 1Vss, TTL
B: 1Vss, TTL
B/: 1Vss, TTL
REF+1Vss, TTL
REF-1Vss, TTL
ID-No.:



DNRJ 45R

97RJ20
DNRJ 45 HTL SL



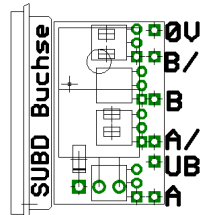
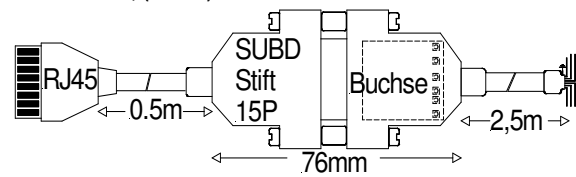
DNRJ 45 SSI

Signal
CLK+
CLK-
DATA+
GND
UB+24VDC
DATA-
SET/QUIT
Sensorerror

97RJ21
DNRJ 45 HTL 24UB
UB: 12 - 27V
0V
A: 1Vss, TTL
A/: 1Vss, TTL
B: 1Vss, TTL
B/: 1Vss, TTL
ID-No.:



DNRJ 45 HTL, (HTL-1)



Signal
UB: 12 - 27V
0V
A: 12 - 27V
A/: 12 - 27V
B: 12 - 27V
B/: 12 - 27V
ID-No.:

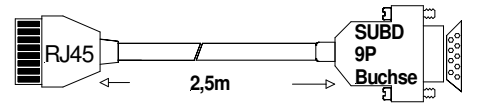
DNRJ 45 HTL



DNRJ 45 HTL-1



DNDA 9-8



Signal
0V
0V
TX
RX
ID-No.:

Signal	RS232	SUBD 9	Thimm
0V			or
0V	or-ws	5	or-ws
TX	bl	2	bn-ws
RX	bl-ws	3	bn

DNRJ 45 HTL

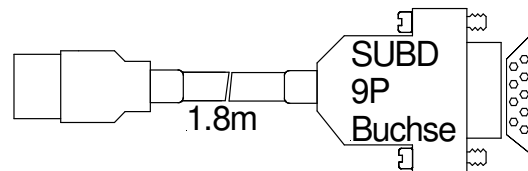
Signal	RJ
0V	1
0V	2
TX	6
RX	8

DNRJ 45 HTL-1

Signal	SUBD 9
0V	5
0V	5
TX	3
RX	2

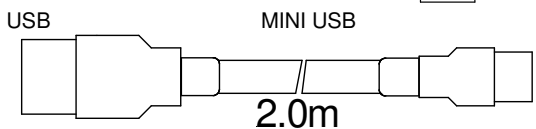
Andere Adern isoliert

Sonderkabel



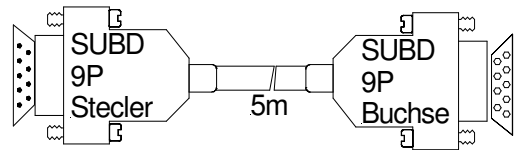
USB Adapterkabel mit Treiber/ 1,8m
USB adapter cable with booster/ 1,8m

99SO05



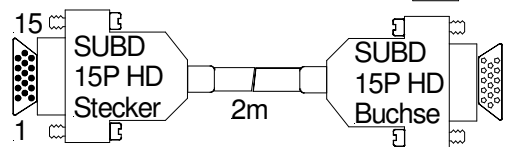
USB Programmierkabel/ 2,0m
USB programming cable

99SO11



SUB D 9Pol, COM Verlängerungskabel /1:1
SUB D 9pin, COM extension cable/ 1:1

99SO12



SUB HD 15Pol, Verlängerungskabel /1:1
SUB HD 15pin, extension cable/ 1:1

98VL22

DNRJ 45 Beschreibung

DNRJ 45 Kabeladapter dient als Verbindung zwischen Messsystem und Drehzahlüberwachung von DINA.

DNRJ 45 Description

DNRJ 45 cable adapter is to connect the measuring system with the speed monitoring of DINA

Technische Daten

Umgebungsbedingungen

Betriebstemperatur

Lagertemperatur

Rüttelfestigkeit in allen 3 Ebenen

Allgemeine Angaben zum Gerät

Gehäusematerial

Gewicht

Kabellänge Standard, andere auf Wunsch

Technical data

Environment conditions

Operating temperature

Storage temperature

Vibration tolerance on all 3 levels

General information for the unit

Housing material

Weight

Cable's length standard, other on request

-10 → + 60°C

-40 → + 85°C

3 g, 32 Hz

PC, PA / VO (UL94)

300 g

2,5m



Wir sind Sicherheit.
We are safety.

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