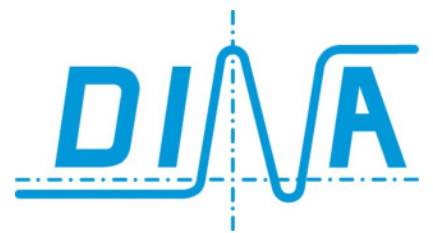


# Kabeladapter Cable adapter



Wir sind Sicherheit

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## Beschreibung

Die Kabeladapter DNDA dienen zum Anschluss des Antriebsmess-systems mit den Drehzahlüberwachungen bei DNDS, SAFELINE und SL VARIO. Standard Kabellänge ist 2,5m. Andere Längen auf Wunsch

### DNRJ 45 Beschreibung

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

### Technische Daten

#### Umgebungsbedingungen

Betriebstemperatur

Lagertemperatur

Rüttelfestigkeit in allen 3 Ebenen

Allgemeine .Angaben zum Gerät

Gehäusematerial

Gewicht

Kabellänge Standard, andere auf Wunsch

## Description

The cable adaptors DNDA are used to connect the measuring system of a drive with motion monitoring at DNDS, SAFELINE and SL VARIO. The standard length is 2,5m. Other lengths on request

### DNRJ 45 Description

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

### Technical data

#### Environment conditions

Operating temperature

-10 → + 60°C

Storage temperature

-40 → + 85°C

Vibration tolerance on all 3 levels

3 g, 32 Hz

#### General information for the unit

Housing material

PC, PA / VO (UL94)

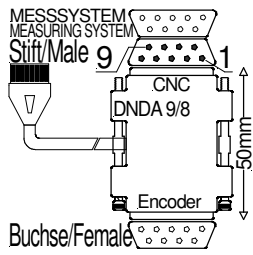
Weight

300 g

Cable's length standard, other on request

2,5m

DNDA 9/8 (RJ45 ▶ Pin 9 Messsystem Female)

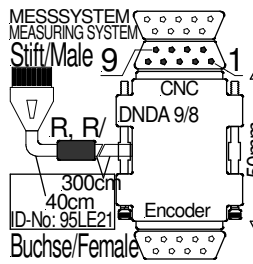


Signal/ Index	X8-Lenze	Indel-SAC2	C99/D	C-88	NTI X12	MTU-1	Lust CDD/R	MD84
or UB	4	9	5	1	1	9	---	4
or-ws 0V	5	8	6	2	5	6	4	5
gn-ws A	3	2	2	3	6	4	1	1
gn A/	2	3	7	5	2	5	2	2
bn-ws B	1	4	3	4	7	1	3	6
bn B/	9	5	8	6	3	2	8	7
ID-No.:	93LE21	91PS23	91ZE21	91EC21	91NT21	91MT21	91LU09	93SM21

Signal/ Index	SEW-X15Enc	IEF X4 E	SRS50M3
or UB	--	2	---
or-ws 0V	5	3	9
gn-ws A	1	1	1
gn A/	6	6	2
bn-ws B	2	9	3
bn B/	7	5	4
ID-No.:	92RE02	92IE21	93SR21

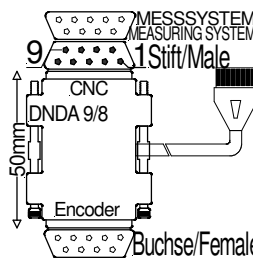
Signal/ Index	IEF X2A R	AX2000	Indel/R	AMK-X130	AC122	Lenze/R	SM-SD2 X8	Ferro con-2R	X15R-SEW
or UB	---	---	---	---	---	---	---	---	-
or-ws 0V	---	---	---	---	---	3	---	---	-
gn-ws A	1	8	4	3	4	6	1	4	1
gn A/	6	4	8	4	8	7	6	5	6
bn-ws B	2	7	3	5	3	4	4	3	2
bn B/	7	3	7	6	7	5	9	2	7
bl-ws REF	4	9	5	7	5	1	7	1	3
bl REF/	9	5	9	8	9	2	3	9	8
ID-No.:	91IE21	91AX21	91ID21	91AM21	92BR21	94LE21	91SM21	91FC22	91RE41

DNDA 9/8 HTL (RJ45 ▶ Pin 9 Messsystem Female)



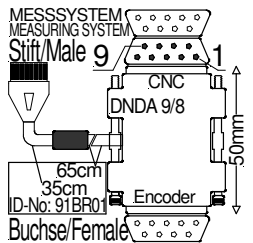
DNDA 9/8 Lenze/R1	SUBD9 --> RB	Referenzbildung	RB	RB --> RJ45-Kabel
---	---	---	9	or 5V
---	---	---	10	or-ws 0V
6	gn-ws A	1	1	gn-ws A
7	gn A/	2	2	gn A/
4	bn-ws B	4	4	bn-ws B
5	bn B/	3	3	bn B/
1	bl-ws REF	5	8	bl-ws REF
2	bl REF/	6	7	bl REF/
95LE21	Schirmung	E: Schirmung		Schirmung

DNDA 9/8 (RJ45 ▶ Pin 1 Messsystem Female)



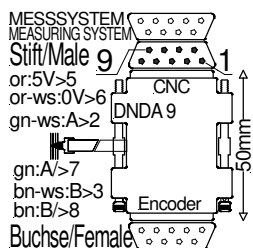
Signal/ Index	Jet Move X61 Hifa	140R	Jet Move X61 R
or UB	5: 12V	---	---
or-ws 0V	4	5	---
gn-ws A	7	7	7
gn A/	2	3	2
bn-ws B	8	8	8
bn B/	3	4	3
bl-ws REF	---	9	1
bl REF/	---	5	6
ID-No.:	93JM21	91SL21	91JM21

DNDA 9/8 HTL (RJ45 ▶ Pin 9 Messsystem Female)



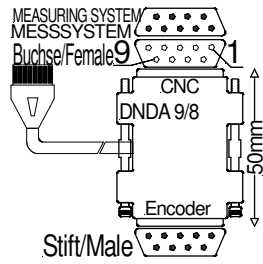
Signal/ Index	BR-X6-HTL-SL	CT-SK3-HTL
or-ws 0V	9	1
gn-ws A: 24V	1	3
gn A: 24V	2	4
bn-ws B: 24V	3	5
bn B: 24V	4	6
ID-No.:	91BR01	92CO72

DNDA 9 C99 (Adern ▶ Pin 9 Messsystem Female)



Signal/ Index	C99/D
or UB	5
or-ws 0V	6
gn-ws A	2
gn A/	7
bn-ws B	3
bn B/	8
ID-No.:	91ZE51

DNDA 9/8 (RJ45 ► Pin 9 Messsystem Male)



Signal/ Index	AMK	JG8V	JBG-RES	FerroCon-1	S120
or  UB	7	4 (10V)	---	---	---
or-ws  0V	8	5	---	---	9
gn-ws  A	4	3	3	4	1
gn  A/	3	2	8	5	6
bn-ws  B	6	1	4	3	3
bn  B/	5	9	9	2	8
ID-No.:	91AM91	91LE21	91JB21	91FC21	91KK21

DNDA 12/8 611D



12/8 T-stück 2,5m Lumberg

17/8 T-Stück 3,0 m Phoenix

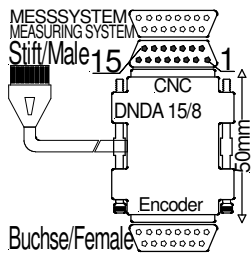
DNDA 17/8 POSMO

Signal/ Index	M23-T	POSMO
or  UB		16
or-ws  0V	10	15
gn-ws  A	5	1
gn  A/	6	2
bn-ws  B	8	11
bn  B/	1	12
ID-No.:	99SI29	99SI30

Stecker Pins sind mit den Buchsen-Pins eins zu eins verbunden.

Male pin are with female pin one to one connected.

DNDA 15/8 (RJ45 ▶ Pin 15 Messsystem Female)



Signal/ Index	AMK-RES	SITRA	AC120/124	AMK	MHD/G	ALBR	Stoerber X4	FGB-1	BM-5V
or  UB		4	4	7	12 (10V)	9	4	2	2
or-ws  0V	8	5	2	8	4	12	2	3	1
gn-ws  A	10	7	1	4	2	1	6	1	8
gn  A/	9	13	9	3	9		11	9	7
bn-ws  B	12	15	3	6	3	3	1	12	5
bn  B/	11	6	11	5	10		9	5	9
ID-No.:	92AM22	91ST22	93AT22	91AM22	91IN22	91AB22	92ST22	91FG22	94BM22

Signal/ Index	611D-B	MCB-3	Kit R	INFOT	MCS-7/E-8	B+R PNM	B+R AC120 PNM	B+R AC121 PNM	MOVIAXIS	NTI X13
or  UB	1	15	8	12	9					1
or-ws  0V	2	10	9	10	1	2	2	2		5
gn-ws  A	3	3	14	1	5	11	1	1	2	9
gn  A/	4	9	6	9	13	3	9	9	10	2
bn-ws  B	6	6	13	3	6	9	3	3	1	10
bn  B/	7	11	5	11	14	1	11	11	9	3
ID-No.:	91EL22	93MC22	92KI22	92PI22	94MC22	95BR22	93BR22	94BR22	91MO22	91NT22

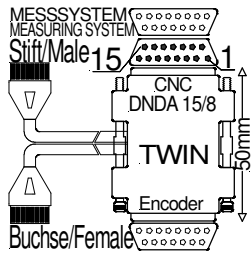
Signal/ Index	AC121	SEW X15	Indra DYN	BMVR1	DARC	SMC30	AC121B	DEF 01.1M
or  UB	4 (10V)	15 (10V)	11 (10V)	2 (10V)	12 (10V)	4 (10V)	4 (10V)	12
or-ws  0V		7/8	4	1	6	7	2	10
gn-ws  A	1	2	2	8	5	15	1	5
gn  A/	9	10	3	7	3	14	9	6
bn-ws  B	3	1	5	5	8	13	3	8
bn  B/	11	9	6	9	4	12	11	1
ID-No.:	94AT22	91RE01	99IN22	91BN22	91DA22	91SM22	95AT22	92IN22

AC121B und B+R AC121 PNM: Pin 8 und 10 entfernt

DNDA15/8 B+R-AC120-PNM und B+R-AC120-PNM handelsübliches Patchkabel

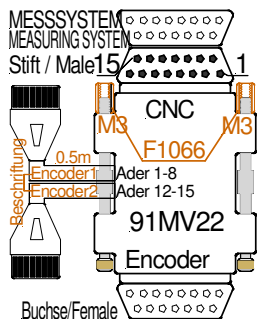
Signal/ Index	BM4 R	MCR-6	MDLA R
or  UB			
or-ws  0V			
gn-ws  A	7	3	5
gn  A/	8	11	12
bn-ws  B	9	2	6
bn  B/	5	10	13
bl-ws  R		4	14
bl  R/		12	7
ID-No.:	93BM22	92MC22	93MD22

DNDA 15/8 TWIN (RJ45 ▶ Pin 15 Messsystem Female)



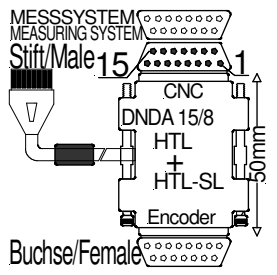
Signal/ Index	SEW TWIN X13R
or  UB	
or-ws  0V	
gn-ws  A	1
gn  A/	9
bn-ws  B	2
bn  B/	10
bl-ws  REF	5
bl  REF/	13
ID-No.:	91TS22

DNDA 15/ 8 TWIN (RJ45 ▶ Pin 15 Messsystem Female)



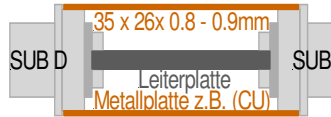
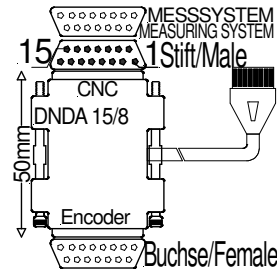
Signal/ Index	SUBD 1-8	RJ 1-8	SUBD 12-15	RJ 12-15
Achtung Kabel Encoder 1 Encoder 2 M3 Mutter anbringe		Encoder1		Encoder2
bl  0V	1	4		
bl-ws  U+	2	5		
or-ws  C+	3	1		
or  C-	4	2		
gn-ws  D+	5	3	12	1
gn  D-	6	6	13	2
bn-ws  S	7	7	14	7
bn  VM	8	8	15	8
ID-No.:	91MV22			

DNDA 15/8 HTL (RJ45 ▶ Pin 15 Messsystem Female)



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

DNDA 15/8 (RJ45 ▶ Pin 1 Messsystem Female)



Verstärkung durch Metallplatten  
nur bei 91XS22 und 91XS00

Signal/ Index	MHD/GE	AC120E	AC121E	TS2620/40	Indra dyn2	ANCA 5DX	ANCA AMD5000	X4S	S300	PDMS-A 15/8 STEC S2E
or UB: 12 (10V)	4	4	4 (10V)	---	---	---	---	4	4	10
or-ws 0V	4	2	2	7	4	15	15	2	2	3
gn-ws A	2	1	1	3	2	14	14	11	11	14
gn A/	9	9	9	4	3	7	7	3	3	7
bn-ws B	3	3	3	1	5	10	10	9	9	15
bn B/	10	11	11	2	6	2	2	1	1	8
ID-No.:	92JN22	93BE22	94BE22	93ST22	99PS22	91AN22	91AN23	91XS22	91DH22	91SE22

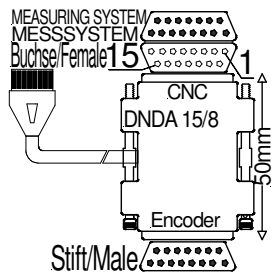
AC121E: 8+10 Stift entfernt  
male pin removed

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

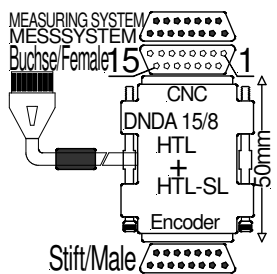
DNDA 15/8 (RJ45 ▶ Pin 15 Messsystem Male)



Signal/ Index	Siem ADI4	DAE1.1	E-PMC2	Num Mdl100	DSV-X3	B03315	KEB	MC S-7/E-8
or UB	4	12	14 (10V)	---	3	7	12	9
or-ws 0V	7	10	5	---	4	15	10	1
gn-ws A	15	5	2	12	1	1	5	5
gn A/	14	6	1	5	2	2	6	13
bn-ws B	13	8	4	13	5	4	8	6
bn B/	12	1	3	6	6	5	1	14
ID-No.:	91SA22	94IN22	93SO22	94NU21	92PA23	94SS22	91KB22	94MC22

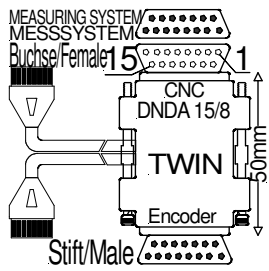
Signal/ Index	SIMO 611D	FM-NC	SIN 800	WF723C	DLF01.1M-A	D150	DZF 03.1M	EP20
or UB	1	4	14	4	12	4	12	---
or-ws 0V	2	9	11	7	10	5	10	15
gn-ws A	3	15	1	15	7	8	7	2
gn A/	4	14	9	14	8	7	15	1
bn-ws B	6	13	10	13	6	13	13	3
bn B/	7	12	3	12	5	14	14	4
ID-No.:	91SI22	98SI22	96SI22	98SO22	96IN22	91SO22	93IN22	92EP22

DNDA 15/8 HTL SL (RJ45 ▶ Pin 15 Messsystem Male)



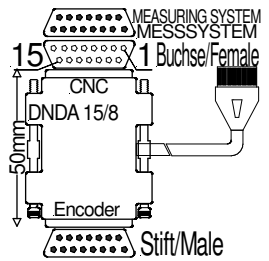
Signal/ Index	611D-HTL-SL	BRATZ-HTL	SMC30-HTL
or UB	12	12	4
or-ws 0V	2	10	7
gn-ws A	3	5	15
gn A/	4	6	14
bn-ws B	6	8	13
bn B/	7	1	12
ID-No.:	92SK20	91BZ02	92SC22

**DNDA 15/8 TWIN (RJ45) ► Pin 15 Messsystem Male)**



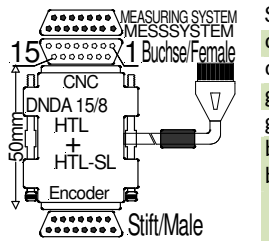
Signal/ Index	S300 TWIN R	S300 TWIN L
or  UB	4	4
or-ws  0V	2	2
gn-ws  A	11	9
gn  A/	3	1
bn-ws  B	9	11
bn  B/	1	3
ID-No.:	91TR22	91TL22

**DNDA 15/8 (RJ45) ► Pin 1 Messsystem Male)**



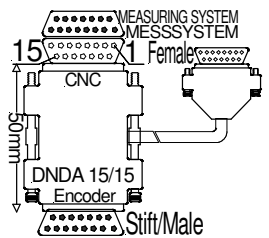
Signal/ Index	SIMO E 611D	E CM	MC6	AX5-R
or  UB	1	1		
or-ws  0V	2	2	12	2
gn-ws  A	3	3	4	11
gn  A/	4	4	11	4
bn-ws  B	6	6	3	10
bn  B/	7	7	10	3
bl-ws  REF				12
bl  REF/				5
ID-No.:	92SI22	95CM12	91MC12	92AX42

**DNDA 15/8 HTL (RJ45) ► Pin 1 Messsystem Male)**



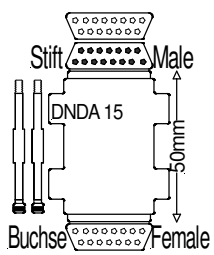
Signal/ Index	AC123 DS-HTL
or  UB	13
or-ws  0V	12
gn-ws  A	1
gn  A/	2
bn-ws  B	3
bn  B/	4
ID-No.:	97BE22

**DNDA 15/15 (SUBD) ► Pin 1 Messsystem Male)**



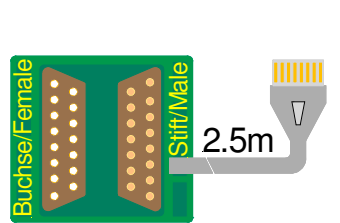
Signal/ Index	AC120	X-OUT	GM	X-OUT	SIMO 611D	X-OUT
or  UB	4	1	13	1	1	1
or-ws  0V	2	2	11	2	2	2
gn-ws  A	1	3	9	3	3	3
gn  A/	9	4	14	4	4	4
bn-ws  B	3	6	1	6	6	6
bn  B/	11	7	4	7	7	7
ID-No.:	91BE26		96GM26		91SI26	

**DNDA 15**



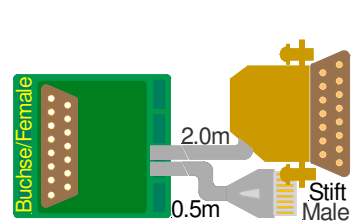
Buchse	Stift	Buchse	Stift
		8	9
2	4	9	2
3	3	10	1
4	8	11	15
5	6	12	--
6	5	13	12
7	10	14	11
		15	--
99SO01			

**DNDA-H 15/8 Schienenmontage**



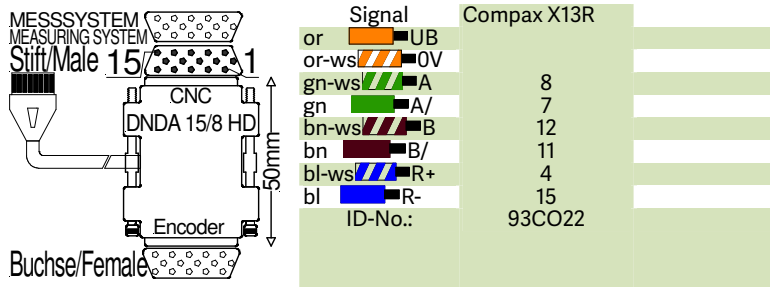
Signal/ Index	H DMC
or  UB	13
or-ws  0V	11
gn-ws  A	9
gn  A/	14
bn-ws  B	1
bn  B/	4
ID-No.:	95SI22

**DNDA-H 15/8/15 Schienenmontage**



	AC120/124
	4
	2
	1
	9
	3
	11
	99BE22

**DNDA 15/8 HD (RJ45 ▶ Pin 15 Messsystem Female)**

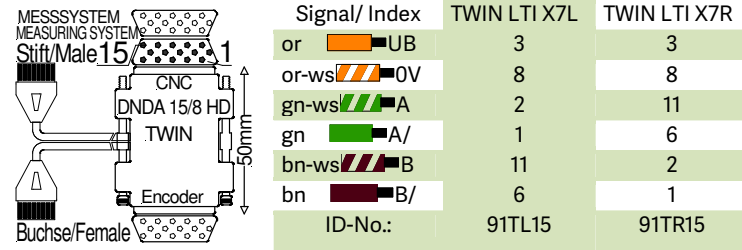


Signal/ Index	ZEISS	KEB-S4/ F4	Unidr-SP	KEB-X3A	KIN	S4000-TTL	JAT-1	Fagor AXD	ZEISS 2	Unidr-SP	XENJ8	HIWIN X10
or UB	4	12	---	12	14	5	---	9	5	---	15	5
or-ws 0V	9	13	14	13	6	10	6	11	9	14	15	15
gn-ws A	7	8	1	8	1	7	2	1	7	1	14	1
gn A/	2	3	2	3	2	1	7	2	2	2	13	6
bn-ws B	6	9	3	9	3	4	3	3	6	3	12	2
bn B/	1	4	4	4	4	9	8	4	1	4	11	7
ID-No.:	91ZE22	92PA24	92PA26	92PA15	91KI22	91SA32	91JA22	92FR22	92ZE22	92PA26	91XE22	92HI22

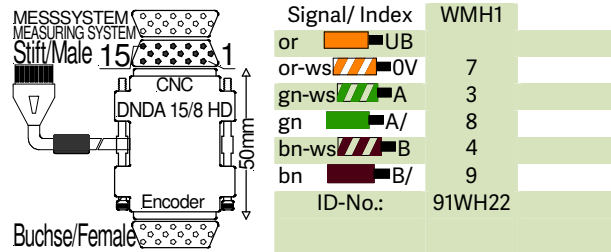
Kabel handelsüblich TRIA PNM

or 0V	6
bl A+	2
bl-ws A-	7
bn-ws B+	3
bn B-	8
ID-No.:	91TA22

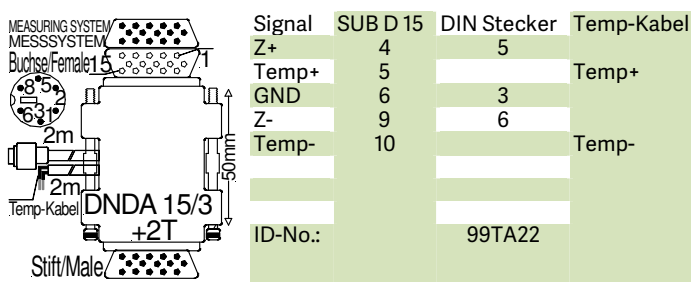
**DNDA 15/8 HD TWIN (RJ45 ▶ Pin 15 Messsystem Female)**



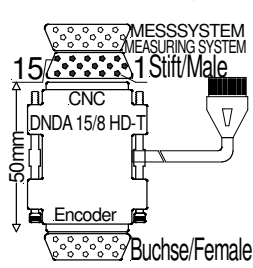
**DNDA 15/8 HD HTL SL (RJ45 ▶ Pin 15 Messsystem Female)**



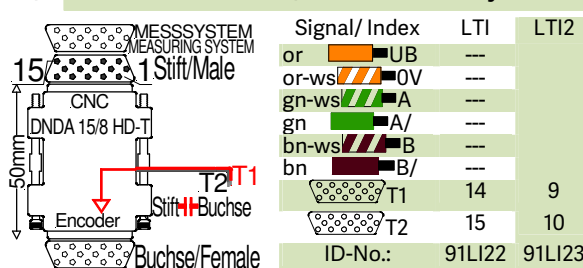
**DNDA 15/3+2 HD DIN T (DIN ▶ Pin 1 Messsystem Male)**



**DNDA 15/8 HD (RJ45 ▶ Pin 1 Messsystem Female)**

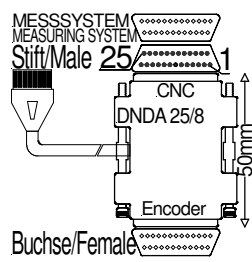


**DNDA 15/8 HD T (T ▶ Pin 1 Messsystem Female)**



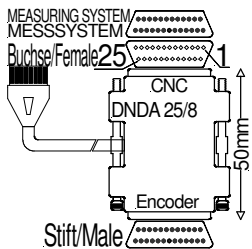


**DNDA 25/8 (RJ45 ▶ P25 Messsystem Female)**



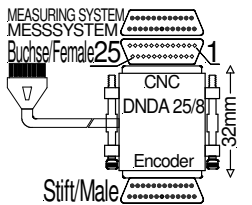
Signal/ Index	Aero	SM-SD2	SM-SD2 S/C	PA SDI
or  UB	3	5 (10V)	9	---
or-ws  0V	21	14	14	---
gn-ws  A	17	21	21	4
gn  A/	18	8	8	17
bn-ws  B	14	19	19	16
bn  B/	15	6	6	3
bl-ws  REF+				5
bl  REF-				18
ID-No.:	91AE24	91SM25	94SM25	94PA25

**DNDA 25/8 (RJ45 ▶ P25 Messsystem Male)**



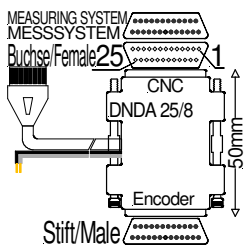
Signal/ Index	Simovert-Res	SM140	SM140-5	SIMO 611D	ATLAS COPCO	NUM1050	LC481
or  UB	---	24 (12V)	24 (5V)	1	18	9 (10V)	
or-ws  0V	---	14	14	2	3	21	
gn-ws  A	3	10	10	3	20	13	20
gn  A/	4	9	9	4	7	25	7
bn-ws  B	6	8	8	6	19	12	19
bn  B/	7	7	7	7	6	24	6
bl-ws  R+	9						
bl  R-	11						
ID-No.:	91SV25	92SM25	93SM25	91SI25	91AT25	91NU25	22AT25

**DNDA 25/8 K (RJ45 ▶ P25 Messsystem Male)**



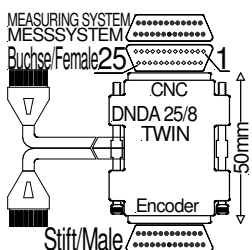
Signal/ Index	K SIMO 611D
or  UB	1
or-ws  0V	2
gn-ws  A	3
gn  A/	4
bn-ws  B	6
bn  B/	7
ID-No.:	91SK25

**DNDA 25/8 T (RJ45 ▶ P25 Messsystem Male)**



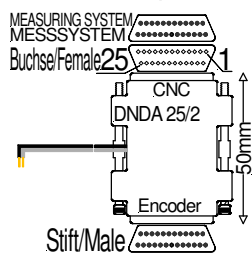
Signal/ Index	SIMO611D
or  UB	1
or-ws  0V	2
gn-ws  A	3
gn  A/	4
bn-ws  B	6
bn  B/	7
(SW)	13
(GR)	25
ID-No.:	95SI25

**DNDA 25/8 TWIN (RJ45 ▶ P25 Messsystem Male)**



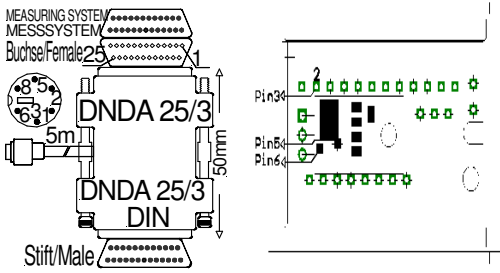
Signal/ Index	611D	25/2-8 611D	EP20	RJ45-1	RJ45-2
or  UB	1	1			
or-ws  0V	2	2		13	13
gn-ws  A	3	3		15	21
gn  A/	4	4		14	20
bn-ws  B	6	6		16	22
bn  B/	7	7		17	23
ID-No.:	97SJ25	91SI92	93EP25		

**DNDA 25/2 T (T ▶ P25 Messsystem Male)**



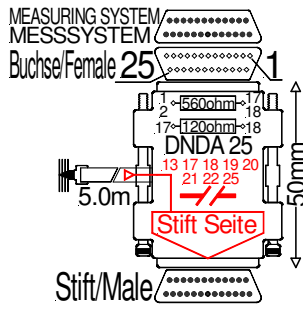
Signal	Temp 611D
13, 15	entfernt
SW	13
GR	25
ID-No.:	93SI25

**DNDA 25/3 DIN-R HTL (DIN ▶ P25 Messsystem Male)**



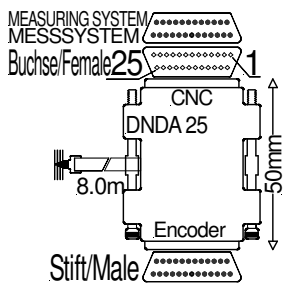
Signal	SUBD25	DIN8	Signal	SUBD25	DIN8
UB: 5V	1		GND	2	3
0V	2	3	REF Z	7	6
R: 1Vss	17	5	Z	14	5
R/: 1Vss	18	6			
ID-No.:	91DN95			92DN39	

**DNDA 25/7 Adern (Adern ▶ P25 Messsystem Male)**



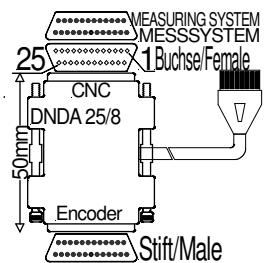
Signal	SIMO 611D TBS
or UB 24VDC	20
or-ws 0V	21
gn ES+	22
gn-ws ES-	17
bn MI8+	13
bn-ws MI8-	25
bl ENTKL	19
ID-No.:	96SJ57

**DNDA 25/Adern (Adern ▶ P25 Messsystem Male)**



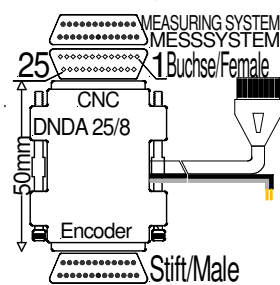
Signal/ Index	REF 611D
or UB	1
or-ws 0V	2
gn-ws A	3
gn A/	4
bn-ws B	6
bn B/	7
bl-ws REF+	17
bl REF-	18
ID-No.:	98SI80

**DNDA 25/8 (RJ45 ▶ P1 Messsystem Male)**



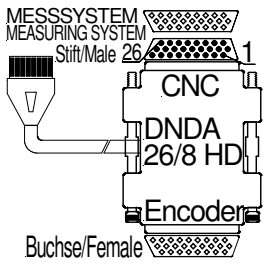
Signal/ Index	E SIMO611D	E SM-SD2
or UB	1	5 (10V)
or-ws 0V	2	14
gn-ws A	3	21
gn A/	4	8
bn-ws B	6	19
bn B/	7	6
ID-No.:	92SI25	95SM25

**DNDA 25/8 T (RJ45 ▶ P1 Messsystem Male)**



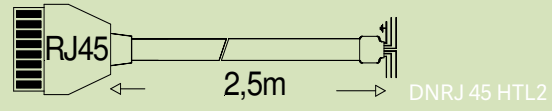
Signal/ Index	ET SIMO611D	ETV2 SIMO 611D
or UB	1	1
or-ws 0V	2	2
gn-ws A	3	3
gn A/	4	4
bn-ws B	6	6
bn B/	7	7
(SW)	13	13
(GR)	25	25
ID-No.:	96SI25	98SI25

DNDA 26/8 HD (RJ45 ▶ Pin26 Messsystem Female)



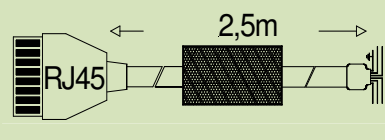
Signal/ Index	EL-5V-1	EL-8V-1	NUM MDLU3	NUM MDLU	Reni SR	BM5000	BM5000R	Reni Shaw
or UB	24	--	--			2		
or-ws 0V	25	25	5	5	9	1		9
gn-ws A	1	1	11	17	1	6	21	24
gn A/	10	10	2	8	19	7	22	6
bn-ws B	2	2	10	18	2	4	25	7
bn B/	11	11	1	9	11	5	26	16
bl-ws REF+							10	
bl REF-							1	
ID-No.:	91EL58	91EL38	91MD28	91MD29	93ZE100	91BM25	91BM26	93ZE25

Kabel/ Cable DNRJ 45

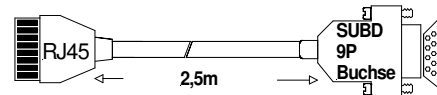


DNRJ	45	45R	HTL SL	HTL2	SSI
or 5V				24V DC	CLK-
or-ws 0V			0V	0V	CLK+
gn-ws A	A	A	24V A	24V A	DATA+
gn A/	A/	A/	24V A/	24V A/	DATA-
bn-ws B	B	B	24V B	24V B	SET/QUIT
bn B/	B/	B/	24V B/	24V B/	Sensor
bl-ws R		R			24VDC
bl R/		R/			GND
ID-No.:	97RJ20	98RJ20	95RJ20	91RJ20	97RJ21

Kabel/ Cable DNRJ 45 HTL-SL

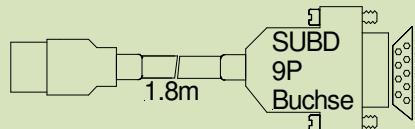


Kabel/ Cable RJ45-SUBD 9 Female



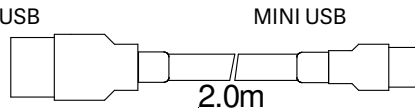
Signal	RS232	SUBD 9	Thimm	RJ	SUBD 9
0V			or-ws	1	5
0V	or-ws	5	or	2	5
TX	bl	2	gn	6	3
RX	bl-ws	3	bn	8	2
Andere Adern isoliert					
ID-No.:	91RS21				

Kabel/ Cable USB-SUBD 9 Female



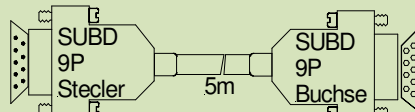
USB Adapterkabel mit Treiber/ 1,8m  
USB adapter cable with booster/ 1,8m  
99SO05

Kabel/ Cable USB/USB MIN



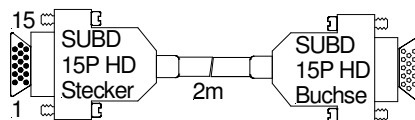
USB Programmierkabel/ 2,0m  
USB programming cable  
99SO11

COM Verlängerung / COM extension

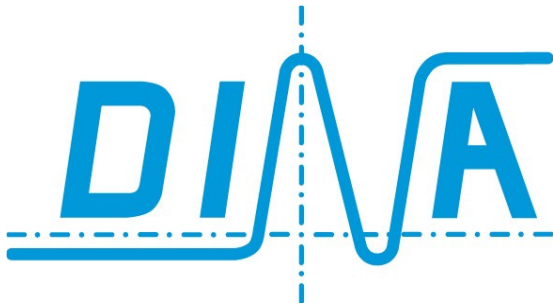


SUB D 9Pol, COM Verlängerungskabel /1:1  
SUB D 9pin, COM extension cable/ 1:1  
99SO12

Kabel/ Cable SUBD 15 HD Male-Female



SUB HD 15Pol, Verlängerungskabel /1:1  
SUB HD 15pin, extension cable/ 1:1  
98VL22



Wir sind Sicherheit.  
We are safety.

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