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Kontaktgrößen *contact sizes*	Anschlussquerschnitt *terminal cross-section*	AWG *AWG*	Isolationsdurchmesser *diameter cable insulation*	Beschichtung *contact plating*	Höhe H *height H*	Länge L *length L*	Gewicht *weight*	Crimpzange *crimp tool*	Crimpbacken *crimping dies*	Kontaktaufnahme *contact locator*
N 02 016 0003 1	0,14-0,5 mm²	26-20	Ø 1,0- Ø 2,0	Ag (silver)	2,1	25	0,6 g	TA 0000 oder / or TA 0500 oder / or EK 15/50 ML (Klauke)	TA 0000 202	TA 0001 146 0001
N 02 016 0002 1, N 02 016 0015 1	0,5-1,5 mm²	20-16	Ø 1,8- Ø 2,8	Ag High Current (silver)	3,0				TA 0000 163	TA 0002 146 0001
N 02 016 0005 1, N 02 016 0016 1	1,5-2,5 mm²	16-14	Ø 2,5- Ø 3,5	Ag (silver)	4,0	27,2			TA 0000 141	TA 0007 146 0003
				Ag High Current (silver)						
N 02 016 0003 2	0,14-0,5 mm²	26-20	Ø 1,0- Ø 2,0	Au (gold) crimp area: Ni (nickel)	2,1	25			TA 0000 202	TA 0001 146 0001
N 02 016 0002 2	0,5-1,5 mm²	20-16	Ø 1,8- Ø 2,8		3,0				TA 0000 163	TA 0002 146 0001
N 02 016 0005 2	1,5-2,5 mm²	16-14	Ø 2,5- Ø 3,5		4,0	27,2			TA 0000 141	TA 0007 146 0003

vereinzelte Kontakte im Beutel /
single contacts in PE bag

Bestellnummer *order number*	Beschichtung *contact plating*	Lieferform *delivery condition*
VN02 016 0003 1	Ag (silver)	100 contacts
VN02 016 0002 1		
VN02 016 0015 1	Ag HC (silver)	
VN02 016 0005 1	Ag (silver)	
VN02 016 0016 1	Ag HC (silver)	
VN02 016 0003 2	Au (gold) crimp area: Ni (nickel)	
VN02 016 0002 2		
VN02 016 0005 2		

Kontakte am Band für Crimpzange /
contact on reel for manual crimping tool

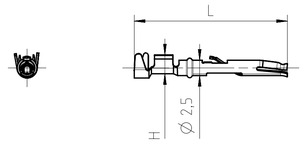
Bestellnummer *order number*	Beschichtung *contact plating*	Lieferform *delivery condition*
ZN02 016 0003 1	Ag (silver)	200 contacts
ZN02 016 0002 1		
ZN02 016 0015 1	Ag HC (silver)	
ZN02 016 0005 1	Ag (silver)	
ZN02 016 0016 1	Ag HC (silver)	
ZN02 016 0003 2	Au (gold) crimp area: Ni (nickel)	
ZN02 016 0002 2		
ZN02 016 0005 2		

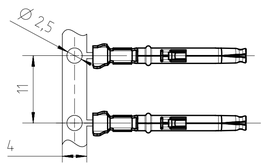
Kontakte am Band für Crimpmaschine Zuführung links /
contact on reel for crimping machine infeed left

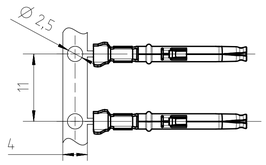
Bestellnummer *order number*	Beschichtung *contact plating*	Lieferform *delivery condition*
TN02 016 0003 1	Ag (silver)	2000 contacts
TN02 016 0002 1		
TN02 016 0015 1	Ag HC (silver)	
TN02 016 0005 1	Ag (silver)	
TN02 016 0016 1	Ag HC (silver)	
TN02 016 0003 2	Au (gold) crimp area: Ni (nickel)	
TN02 016 0002 2		
TN02 016 0005 2		

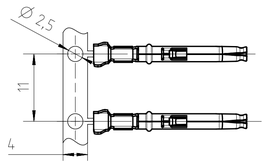
Kontakte am Band für Crimpmaschine Zuführung rechts /
contact on reel for crimping machine infeed right

Bestellnummer *order number*	Beschichtung *contact plating*	Lieferform *delivery condition*
HN02 016 0003 1	Ag (silver)	2000 contacts
HN02 016 0002 1		
HN02 016 0015 1	Ag HC (silver)	
HN02 016 0005 1	Ag (silver)	
HN02 016 0016 1	Ag HC (silver)	
HN02 016 0003 2	Au (gold) crimp area: Ni (nickel)	
HN02 016 0002 2		
HN02 016 0005 2		



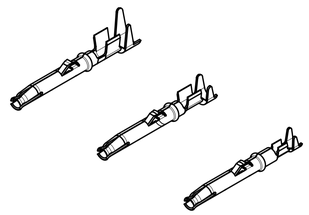






General Characteristics	Standard	Value		
contacts termination technique		crimp		
contacts type		stamped contacts		
cable type	IEC 60228	class 5 (fine-strand)		
stipping length		N 02 016 0003 X: 3,0 $^{+1}_{-0}$ N 02 016 0002 X, N 02 016 0015 X, N 02 016 0016 X, N 02 016 0005 X: 3,5 $^{+1}_{-0}$		
Electrical Characteristics	**Standard**	**Value**		
rated current T_{amb} = 40 °C		depending on contact insert		
current carrying capacity	IEC 60512-5-2	see derating curve		
contact resistance	IEC 60512-2-1	≤ 5 mΩ		
Climatical Characteristics	**Standard**	**Value**		
operating temperature	IEC 60068-1	-40 - +125 °C		
Mechanical Characteristics	**Standard**	**Value**		
mechanical operation	IEC 60512-9-1	≥10000 mating cycles		
mating/unmating force (in new condition)	IEC 60512-16-5	≤5 N		
Materials	**Standard**	**Value**		
contact material		copper alloy		
contact plating contact area		Ag (silver)	Ag High Current (silver)	Au (gold)
contact plating termination area		Ag (silver)	Ag (silver)	Ni (nickel)

CE



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Gewicht (errechnet) / *Calc. WT.:*
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber:*
Bagatelle change:

Zul. Abw. / *Tolerances:* ISO 2768-m
DIN / ISO 1775

Gez. *Drawn*	21.04.2021	PWOELFFLE	
Status	Released		
Gepr. *Checked*	16.10.2023	MBERTSCH	
03	202300083	11.08.2023	PWOLF
02	202100162	22.04.2021	PWOLF
Index	Änderung/*Description*	Datum/*Date*	Name

Amphenol Tuchel Industrial GmbH

Maßstab / *Scale:* 2:1 (1:1) | A1

CUSTOMER DRAWING

Buchsenkontakte Ø 1,6 mm
socket contacts Ø 1,6 mm

M XN02 016 000X X

Blatt/*Sheet* 1 von/*of* 1 Bl.

Ers. f. / Replacement for:

NXM-V02 FA2023-000794

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