

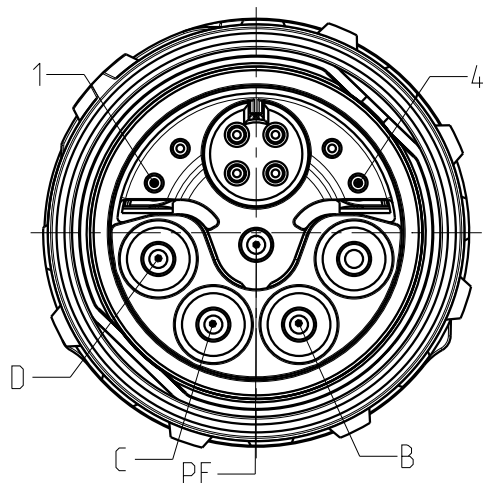
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Technical drawing of the cable assembly showing side and end views with dimensions:

- Side View Dimensions:**
 - Overall length: L
 - Distance from connector to first contact: 50mm
 - Distance between contact points: 70mm
 - Distance from second contact to cable end: 35mm
 - Distance from connector to cable end: 350mm
 - Distance from connector to the start of the braided shield: 115mm
- End View (Ansicht ohne Staubschutzkappe):**
 - Outer diameter: $\varnothing 28$
 - Thread: $M23 \times 1$
- Labels:**
 - Bedruckung:** Points to the contact points on the cable.
 - Ansicht ohne Staubschutzkappe:** View without dust protection cap.

Ansicht Polbild
Steckseite



Polz.	Farbe
1	weiß
2	-
3	-
4	schwarz
A	-
B	L1
C	L2
D	L3
PE	grün / gelb
S4	ohne Belegung

Elektrische Daten

Freimaßtoleranzen
nach DIN ISO 2768-c

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3:10

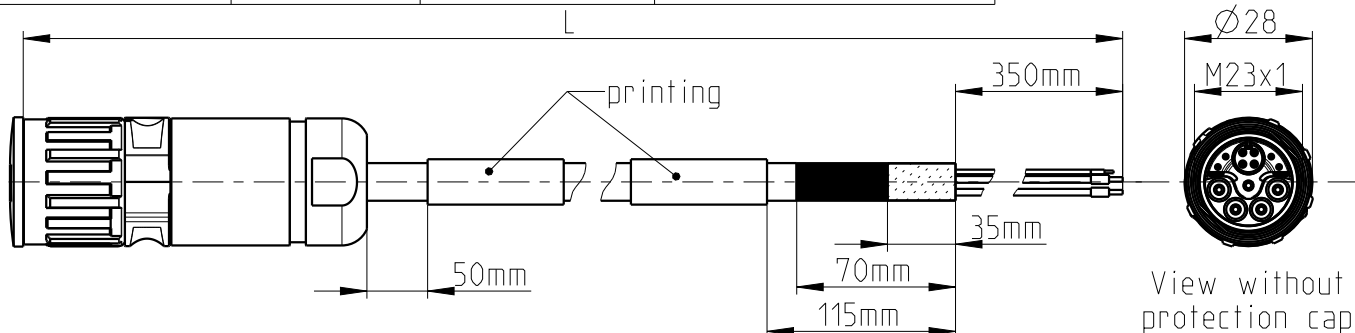
Serie SHK
Kabelsteckverbinder / gerade



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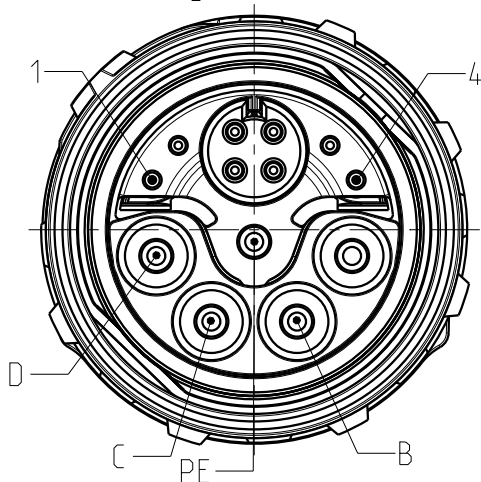
Zeichnungs-Nr.:	SHK-0537_XX-XX	Dok.-Nr.:	1148354
Artikel-Nr.:	siehe Tabelle		
Artikelbezeichnung:	-		

Mechanical data		Material	
no. of poles	13 (4+4+4+PE)	housing / surface	GD-Zn / CuZn Ni
contact termination	crimp	contact carrier	PA66 / UL 94 V0
contact-Ø	1mm / 2mm	wire	PUR / LiFTPEC11Y Servo Version
temperature range	-40 °C / +125 °C	cross section	4G2,5+2X1,0
protection class	IP67, mated	contacts / surface	CuZn / Au
mating cycles	100	sealing gasket	FKM
locking system	M23 SpeedCon		



order-no.:	L (m)	printing
1148354	10,0	Art.-Nr. 1148354 10,00m PUR 4G2,5+2X1,0 00T6L12-1010 KW/JJ

View of pin assignment
Plug-in side



Pin layout

pin	colour
1	white
2	-
3	-
4	black
A	-
B	L1
C	L2
D	L3
PE	green/yellow
S4	n.c.

The specified electrical and mechanical data require a correctly locked pair of connectors.
If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap >IP54.

Electrical Data			
Rated current at max. cross section	2mm Contact max. 30A at cross section 4,0mm ² 1mm Contact max. 8A at cross section 1,5mm ² Tu = 25 °C	Surge voltage category	III according to EN 60664-1:2008
		Installation height	up to 3000m
Rated voltage	630V / 50V acc. to EN 60664-1:2008	Contact resistance	<1mΩ / <3mΩ
Rated surge voltage	6000V / 1500V acc. to EN 60664-1:2008	Degree of pollution	3 acc. to EN 61984:2009

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 2 / 2020-11-18		scale: 3:10		
	date	name	Series SHK Cable connector / straight					page: 1 of: 1	
design	2019-08-08	Epple							
chk.									
			drawing-no.:		SHK-0537_XX-XX		doc.-no.:	1148354	
			order-no.:		see chart				
			article designation:		-				