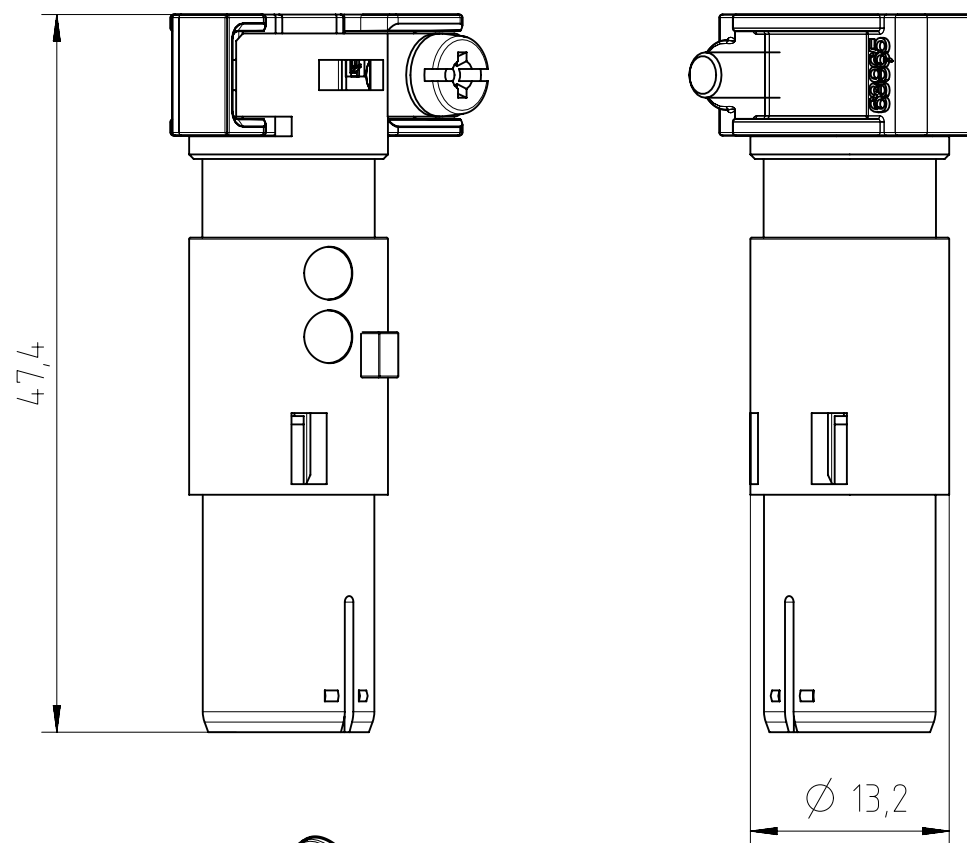
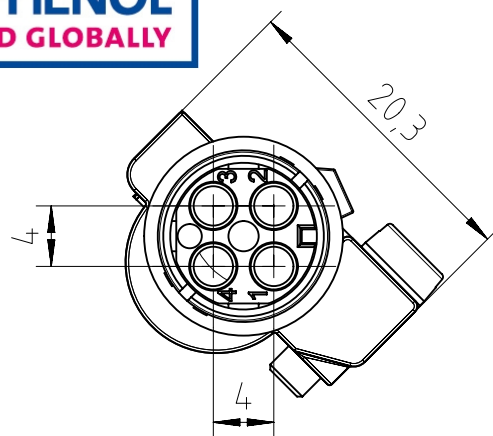
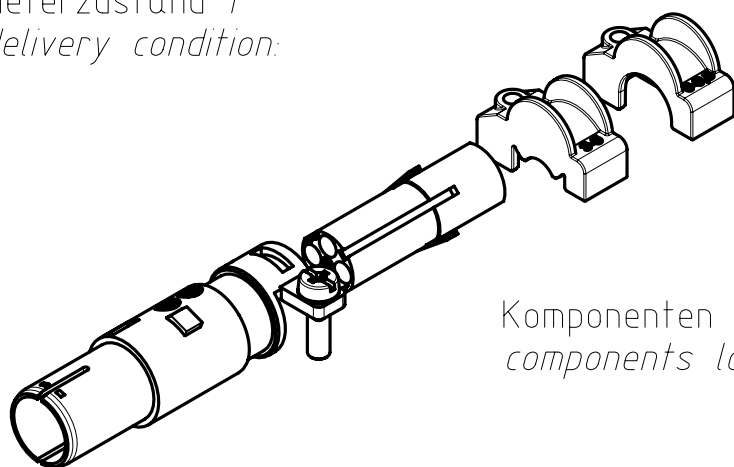


Einbauzustand /
assembly condition:Lieferzustand /
delivery condition:Komponenten lose verpackt im Polybeutel
components loose in a poly bag

Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

Characteristics

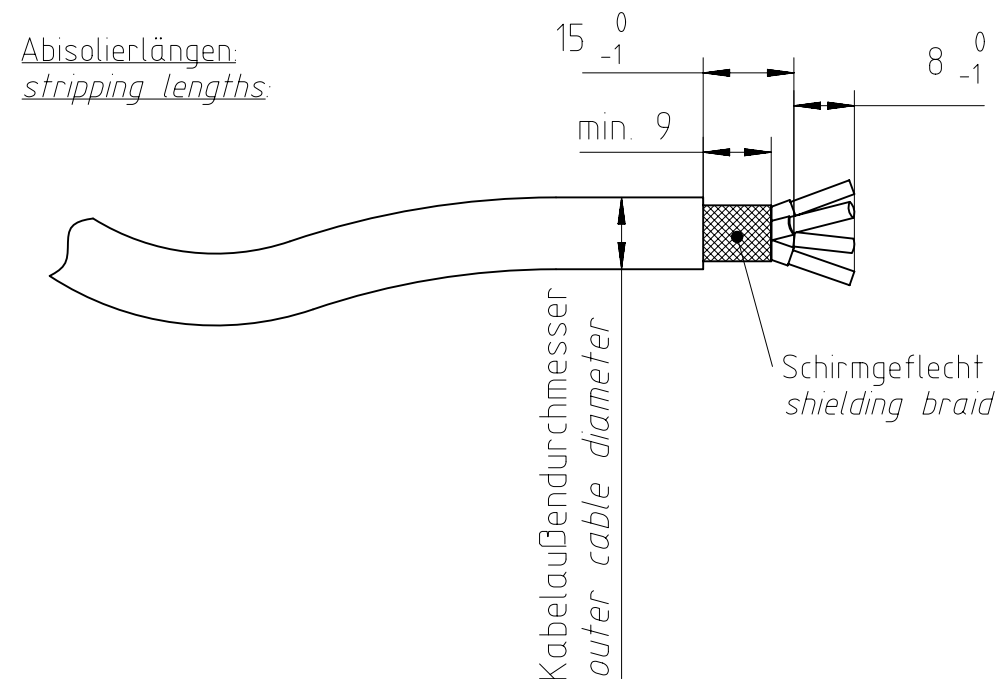
General Characteristics	Standard	Value
number of contacts		4
termination technique		crimp
wire gauge		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14
cable diameter		3 mm - 9,5 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	50 V
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
rated impulse withstand voltage	IEC 60664-1	0,8 kV
rated current T _{amb} = 40 °C		10 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	≤ 5 mΩ
insulation resistance	IEC 60512-3-1	≥ 10 ¹⁰ Ω
connector category	IEC 11801 / ANSI/TIA/EIA-568-C.2	Cat. 5e
Climatical Characteristics	Standard	Value
climatic category	IEC 60068-1	40 / 125 / 21
upper temperature	IEC 60512-11-9	+125 °C
lower temperature	IEC 60512-11-10	-40 °C
Mechanical Characteristics	Standard	Value
mechanical operation	IEC 60512-9-1	≥500 mating cycles
tightening torque clamp screw		min. 0,5 Nm
Materials	Standard	Value
shielding barrel		zinc alloy
cable clamp		zinc alloy
insulation material		PC
contacts		CuZn (brass)
contact plating		Au (gold)

Gewicht (errechnet) / Calc WT :				Zul. Abw./Tolerances :		Maßstab / Scale : 2:1 1:1		A3	
○ Prüfmaß / Testdimension				ISO 2768-m		CUSTOMER DRAWING			
Teileindex / Partindexnumber:				 DIN / ISO 13715					
Bagatelle change:									
				Gez.	20.08.2015	Buchsenkontaktträger 4-Pol socket contact carrier 4 pole			
				Drawn	PWOELFFLE				
				Status	Released				
				Gepr.	03.11.2017				
				Checked	MGRIMM				
04	201700267	26.10.2017	PWÖLF	Amphenol Tuchel Industrial GmbH		M	C146 B05 100 G8		Blatt / Sheet 1
03	201500663	10.09.2015	PWÖLF						2 Bl.
Index	Änderung / Description	Datum / Date	Name			Ers. f. / Replacement for : M-C146 B05 100 G8 Rev.03			

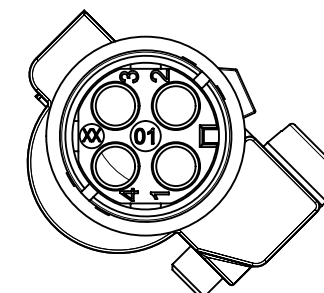
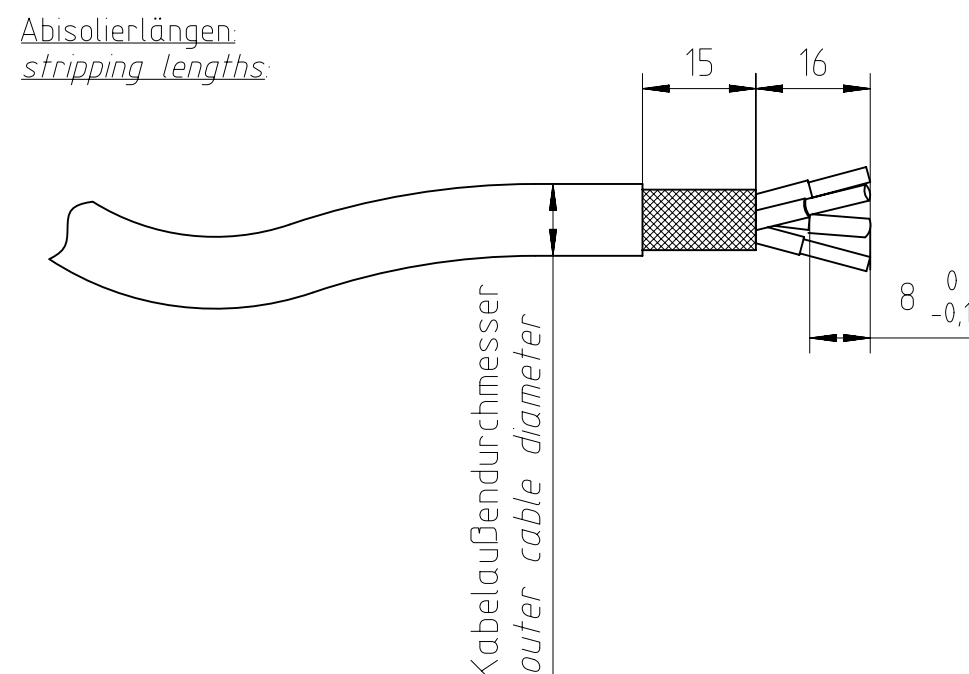
Hinweise zur Anschlusstechnik remarks on the termination technique

Empfohlene Ethernet Konfektionierung:
recommended Ethernet connection

Schirmanschlußtechnik 1: Umschlagen des Schirmgeflechtes
shielding termination version 1: shielding braid turned over

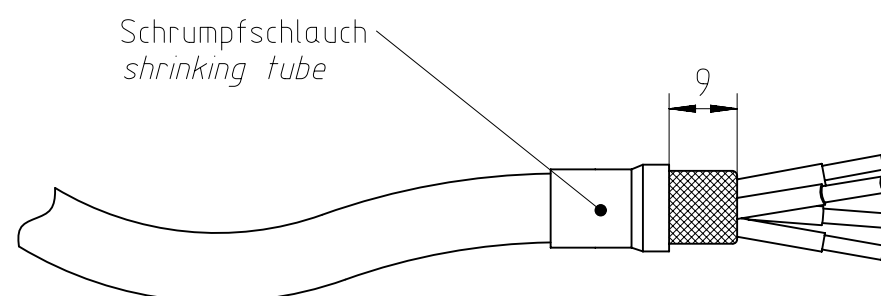


Schirmanschlußtechnik 2: Schirmkontaktierung auf Einzeladern
shielding termination version 2: shielding connection on wire pairs



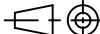
contact	10BASE-T 100BASE-TX	colour
1	Tx+	white / orange
2	Tx-	orange
3	Rx+	white / green
4	Rx-	green

Empfehlung: Fixierung des umgeschlagenen Schirmgeflechtes
mit einem Schrumpfschlauch
recommendation: fix the turned over end of the shielding
braid with shrinking tube



Befestigung der Kabelklemmen direkt auf Leiterisolierungen
mount the cable clamps directly on conductor isolation

Existiert eine Schirmfolie um die Leitungspaare so wird empfohlen
diese soweit wie möglich zu erhalten
if existing preserve shielding foil around wire pairs as far as
possible to the contact carrier

Gewicht (errechnet) / Calc WT:				Zul. Abw./Tolerances:		Maßstab / Scale : 2:1		A3			
Prüfmaß / Testdimension				ISO 2768-m				CUSTOMER DRAWING			
Teileindex / Partindexnumber:						DIN / ISO 13715					
Bagatelle change:								Buchsenkontaktträger 4-Pol socket contact carrier 4 pole			
				Gez.	20.08.2015						
				Drawn	PWOELFFLE						
				Status	Released						
				Gepr.	03.11.2017						
				Checked	MGRIMM			M C146 B05 100 G8			
Amphenol Tuchel Industrial GmbH											
04	201700267	06.09.2017	PWOELFFLE					Blatt / Sheet		2	
03	201500663	10.09.2015	PWOELFFLE							2 Bl.	
Index	Änderung / Description	Datum / Date	Name			Ers. f. / Replacement for : M-C146 B05 100 G8 Rev.03					

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