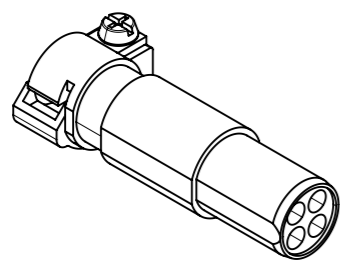
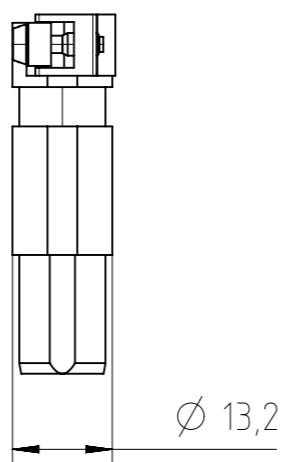
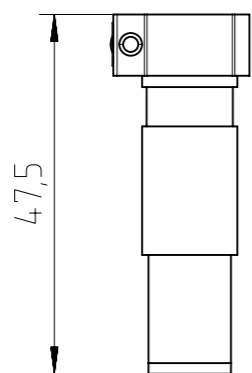
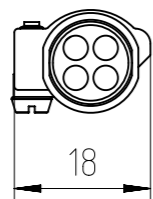


Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.



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").

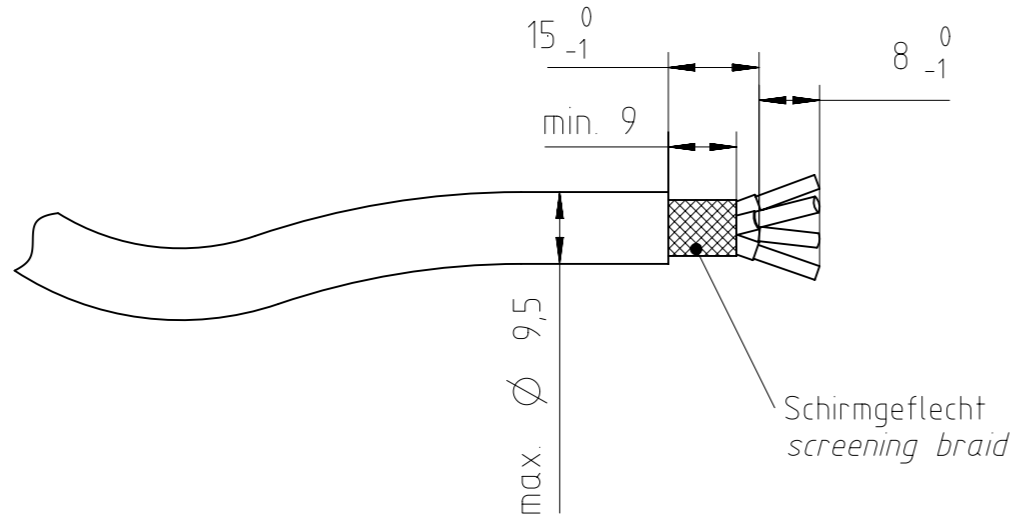
Characteristics

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
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
Materials	Standard	Value
shielding barrel		zinc alloy
cable clamp		zinc alloy
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

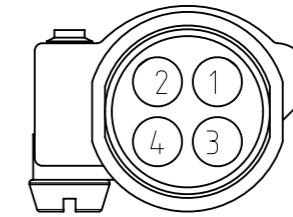
Gewicht (errechnet) / Calc WT: 29,9 g	Zul. Abw./Tolerances:	Maßstab / Scale: 1:1	A3	
Prüfmaß / Testdimension	ISO 2768-m	CUSTOMER DRAWING		
Teileindex / Partindexnumber	DIN / ISO 13715			
	Datum / Date: 20.08.2015	Name: PWÖLF	Buchsenkontaktträger 4-Pol socket insert 4 pole	
	Gez. / Drawn: 20.08.2015	Name: PWÖLF		
	Status: Released	Inspector: 10.09.2015 MGRIM	M C146 B05 100 G8	
	Amphenol-Tuchel Electronics GmbH			
03	201500663	20.08.2015	PWÖLF	Blatt / Sheet: 1
Index	Änderung / Description	Datum / Date	Name	2 Bl.
				Ers. f. / Replacement for: M-C146 B05 100 G8 Rev.01

Hinweise zur Anschlussstechnik
remarks on the termination technique

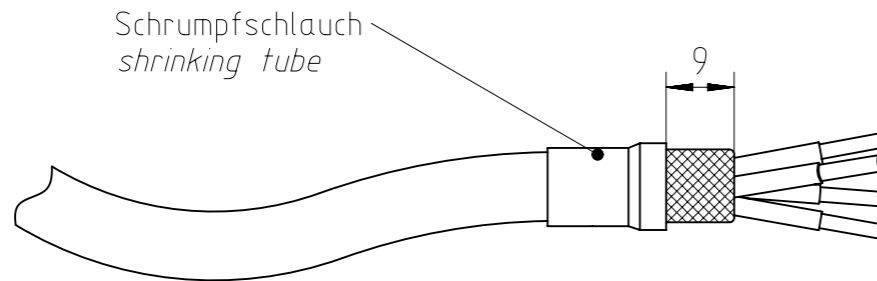
Abisolierlängen:
stripping lengths:



Empfohlene Ethernet Konfektionierung:
recommended Ethernet connection:



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



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

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: g		Zul. Abw./Tolerances:	Maßstab / Scale:	A3	
Prüfmaß / Testdimension		ISO 2768-m	CUSTOMER DRAWING		
Teileindex Partindexnumber		Datum/Date	Name	Buchsenkontaktträger 4-Pol socket contact carrier 4-pole	
		Gez. Drawn	20.08.2015	PWÖLF	
		Status: Released Inspector: 10.09.2015 MGRIM			
		Amphenol-Tuchel Electronics GmbH		M	C146 B05 100 G8
03	201500663	20.08.2015	PWÖLF	Blatt/Sheet 2 2 Bl.	
Index	Änderung/Description	Datum/Date	Name	Ers. f. l. Replacement for: M-C146 B05 100 G8 Rev.01	

Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

 Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.