

## SUMMARY

### # Wires

Low voltage	2
High voltage	2
Fiber optic	2

Series	3K
Termination type	Hybrid contacts
IP rating	68 when mated
AWG wire size	24.00 - 20.00
Cable Ø	8.90 - 9.50 mm
Status	active
Matching parts	<a href="#">PUW.3K.93C.YSEC96</a>



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FU*: Straight plug 'Y' new design, cable collet adapter and long shell for fitting a bend relief with cap (with enhanced screen efficiency)
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Housing Material	Special housing (see notes for details)
Weight	98.93 g

### Performance

Configuration	3K.93C : 2 FO Type F2, 2 HV + 2 LV
Insulator	
Rated Current	10 Amps

### Specifications

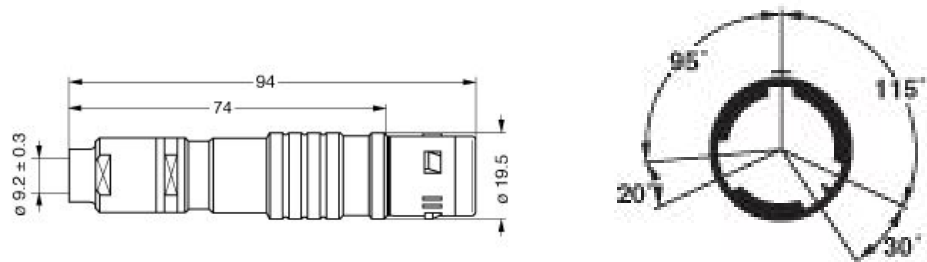
Fiber Optic Contact: Type F2  
Vtest power/signal (AC): 2250V , 1000V  
Working voltage power/signal(AC): 600V , 42V  
Cable type: SMPTE 311M or EBU R100

### Others

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Endurance (Shell): 20000 mating cycles  
Temp (min / max): -40°C / +80°C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)

## DRAWINGS



### Dimensions

	A	L	M
mm.	19.5	94	74
in.	0,77	3,70	2,91

## RECOMMENDED BY LEMO

### Tools

- Crimp settings:                   AWG/Selector = 14-16-18  20-22-24/7-6-5  6-5-5
- Positionner:                   [DCE.91.093.BVC](#)
- Positionner 2:                [DCE.91.133.BVCM](#)
- Extractor:                    [DCC.09.05B.LAG](#)

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Extractor 2:	<a href="#">DCC.13.15B.LAG</a>
Fiber Tool:	<a href="#">WST.KI.125.34</a>
Fiber Tool 2:	<a href="#">DCB.91.119.0TN</a>
Replacement contact:	FGW.3K.565.ZZC / EGG.3B.660.ZZM
Spanner wrench:	<a href="#">DCD.3E.ZZZ.PA150</a>

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