



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Nb of contacts Fiber optic	2
Wire Size/AWG	24 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.90 - 9.50 mm
Size	3K
Series	3K.93C.Y - SMPTE Hybrid

[https://www.lemo.com/int\\_en/solutions/specialties/3k-93c-y-smp-te-hybrid/pew-3k-93c-yscc96z.html](https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smp-te-hybrid/pew-3k-93c-yscc96z.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
Number of contacts High Voltage	2
Contact Termination High voltage	Crimp
Nb of contacts Fiber optic	2
Contact Termination Fiber optic	Crimp
Insert configuration value	3K.93C - 2 FO Type F2, 2 HV + 2 LV
Rated current	10 A
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
Wire Size/AWG	24 - 20

## Form & Material

Shell style / Model id	PE - Fixed receptacle, nut fixing, cable adapter, with bend relief nut (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Special housing (see notes for details)
Locking system	Push-pull
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Variant	Nut for fitting a bend relief
Weight	99.4 g

[https://www.lemo.com/int\\_en/solutions/specialties/3k-93c-y-smp-te-hybrid/pew-3k-93c-yscc96z.html](https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smp-te-hybrid/pew-3k-93c-yscc96z.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

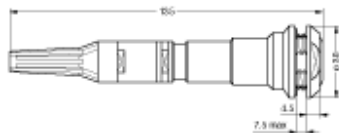
Environment

Environmental sealing (IP rating)	IP68
Endurance	20000 mating cycles
Temperature range	-40°C / +80°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.90 - 9.50 mm

Drawings



Dimensions

	M	E	A	L
mm.	4.5	7.5	30	135
in.	0.18	0.3	1.18	5.31

[https://www.lemo.com/int\\_en/solutions/specialties/3k-93c-y-smpte-hybrid/pew-3k-93c-yscc96z.html](https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/pew-3k-93c-yscc96z.html)

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">FGG.3B.560.ZZC</a>
Compatible cap	<a href="#">BRA.3K.200.EAN</a>
Tools	
Fiber Tool	<a href="#">WST.KI.125.34</a>
Fiber Tool 2	<a href="#">DCB.91.119.0TN</a>
Positionner	<a href="#">DCE.91.093.BVC</a>
Positionner 2	<a href="#">DCE.91.133.BVCW</a>
Extraction tool	<a href="#">DCC.09.05B.LAG</a>
Extraction tool 2	<a href="#">DCC.13.15B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>
Crimp Tool 2	<a href="#">DPC.91.101.A</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.65.270.AZ</a>