

SUMMARY

Wires

Low	2
High	2
Coax	0
Triax	0
Quad	0
Fiber	2
Fluidic	0

Series	3K
Termination type	Hybrid contacts
IP rating	50
Cable Ø	8.60 - 9.50 mm
Matching parts	PEW.3K.93C.TLCC96Z



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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FM*: Fixed plug with round flange (4 hole fixing), cable adapter, with bend relief nut
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Housing Material	Stainless steel shell, collet nut and latch sleeve, nickel plated brass mid pieces
Cable Fixing	C96: 8.6 - 9.5 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3K.93C : 2 FO Type F2, 2 HV + 2 LV
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10.3 Amps

Specifications

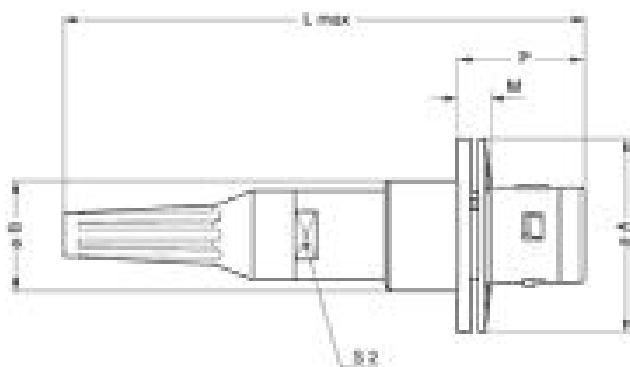
Contact Type:	Crimp
Fiber Optic Contact:	Type F2 (must be ordered separately)
Vtest power/signal (AC):	2250V , 1000V
Working voltage power/signal(AC):	600V , 42V
Cable type:	SMPTE 311M or EBU R100

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55 °C / +200 °C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	L	M
mm.	38	22.5	101	71
in.	1,50	0,89	3,98	2,80

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp Tool 2: DPC.91.101.A
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.BVCW
Extractor: DCF.91.093.5LT
Extractor 2: DCF.91.133.5LT
Fiber Tool: WST.KI.125.34

Fiber Tool 2: DCB.91.119.0TN
Replacement contact: FGW.3K.565.ZZC / EGG.3B.660.ZZM
Spanner wrench: MTZ.3E.265.150

Cables

CFN.3K.93C.092PNCA	PVC	Black	
CFN.3K.93C.092PNCS	PVC	Black	