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FHG.3B.310.CYCD92Z

SUMMARY

Wires

 Low
 10

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 3B

Termination type Male crimp

IP rating 50

Cable Ø 7.80 - 9.20 mm

Matching parts EGG.3B.310.CLL

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FH*: Elbow plug, cable collet and nut for fitting a bend relief

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing D92: 7.8 - 9.2 mm

Variant Z: Nut for fitting a bend relief

Weight 67.75 g

Performance

Configuration 3B.310 : 10 Low Voltage
Insulator Y: PEEK for crimp contacts

Rated Current 12 Amps

Specifications

Contact Type: Crimp Max. Matings: 5000

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Contact Retention: 40 N Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1.4 mm (0.055in) Min. Conductor: 0.5 mm^2 (AWG 20) Max. Conductor: 1 mm^2 (AWG 18)

R (max): 3.6 mOhm

Vtest (contact-shell): 1800 V (AC), 2550 V (DC) Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

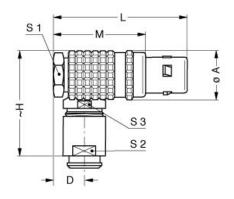
Humidity (max): <=95% [at 60 deg C /140 F]

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): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	D	Н	L	М	S1	S2	S 3
mm.	19	10	35.5	50	35	17	15	15
in.	0,75	0,39	1,40	1,97	1,38	0,67	0,59	0,59

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V Crimp settings: AWG/Selector = 18-20/8-7

Positionner: DCE.91.133.BVC Extractor: DCF.91.133.5LT

Replacement contact: FGG.3B.565.ZZC Spanner wrench: DCD.3B.040.PA150

Cables

CMN.10.T20.080PGCE	PVC	GREY	>====
CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNCE	PVC	Black	
CMN.10.T20.080PNZE			>
CMN.10.T20.080QGC	TPR	Grey	
210 200	PVC	Black	

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