

## 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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## 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<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (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° 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

	A	D	H	L	M	S1	S2	S3
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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