

## SUMMARY

### # Wires

Low	30
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3B
Termination type	Female crimp
IP rating	50
Cable Ø	10.80 - 11.90 mm
Matching parts	
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
Keying	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D12: 10.8 - 11.9 mm
Variant	

### Performance

Configuration	3B.330 : 30 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	3.5 Amps

### Specifications

Contact Type:	Crimp
Max. Matings:	5000
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)

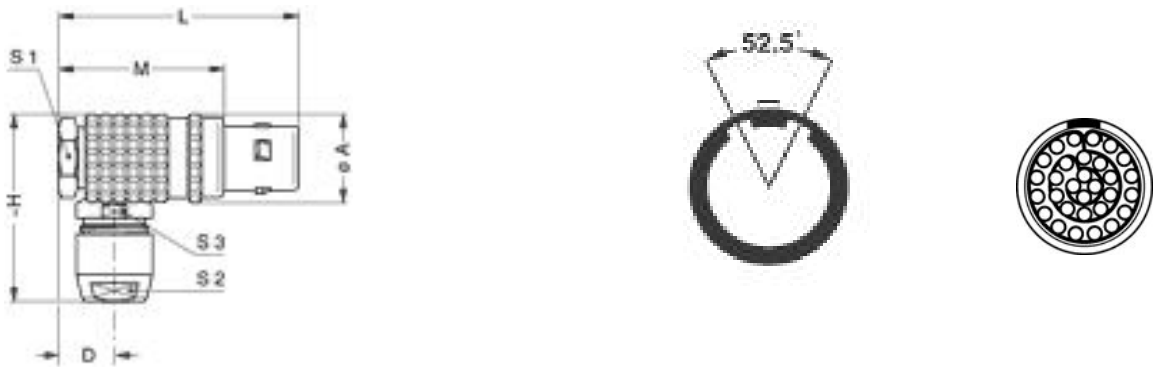
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

## 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  
 Climatological 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	37	50	35	17	14	15
in.	0,75	0,39	1,46	1,97	1,38	0,67	0,55	0,59

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
 Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.073.BVM  
Extractor: DCF.91.073.5LT  
Replacement contact: EGG.3B.655.ZZM  
Spanner wrench: DCD.3B.040.PA140

## Cables

430 250	PVC	Grey	
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