

SUMMARY

Wires

Low voltage	12
High voltage	1



Image is for illustrative purpose only

Series	3B
Termination type	Special contacts/None
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.90 - 6.20 mm
Status	active
Matching parts	EGG.3B.712.CJL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	48.93 g

Performance

Configuration	3B.712 : 1 High V. 12 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

Specifications

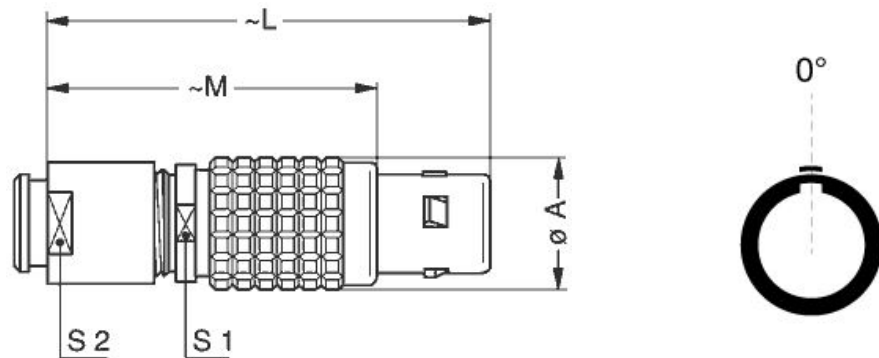
Test voltage HV Ue (kV dc)	12
Test voltage HV Ue (kV rms)	8.5
Rated current HV (A)	4
Test voltage LV cont-cont sold.(kV rms)	1.2
Test voltage LV cont-shell sold.(kV rms)	0.85
Rated current LV (A)	5

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Others

Endurance (Shell): 5000
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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3B.040.PA150](#)

Caps: [BFG.3B.100.PCSG](#)

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [FHG.1B.303.CYCZ](#) [PCS.01.250.DLLE24](#)
[PHG.0K.305.CYMC40Z](#) [PHG.1K.308.CLLK85](#) [PKG.M0.6BL.LZ](#) [PLC.M1.0SL.LA](#) [GMA.10.290.DN](#) [GMA.3B.090.DA](#)
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