

Standard



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Summary

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BKT series

Number of contacts Low Voltage	14
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Suggested matching part	EGG.2B.314.CYM
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-2b-314-cycd62z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	6.1 mOhm
Insert configuration value	2B.314 - 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	6.5 A
Test voltage contact-contact	2.3 kV DC
Test voltage contact-shell	2.9 kV DC
Contact retention	22 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	FP - Elbow (90°) plug with cable collet for bend relief
Plug	Elbow
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
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

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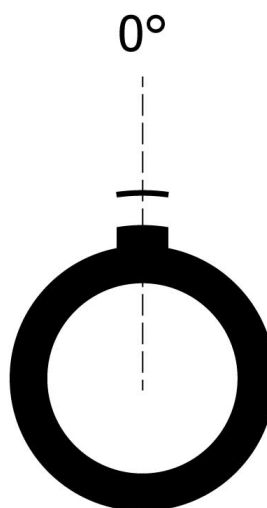
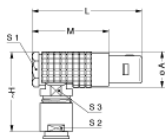
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr
Cable fixation	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings

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Dimensions

	A	H	L	M	S1	S2	S3
mm.	15	34	41.5	29.5	13.5	12	13
in.	0.59	1.34	1.63	1.16	0.53	0.47	0.51

Recommended By Lemo

Contacts

Replacement contact [FGG.2B.555.ZZC](#)

Caps

Compatible cap [BHY.2B.100.NAZ](#)

Plastic Cap [BFG.2B.100.PCSG](#)

Soft Cap [BFZ.2B.100.SCN](#)

Bend Reliefs

[GMA.2B.060.DG](#) [GMA.2B.060.DA](#) [GMA.2B.060.DB](#)

[GMA.2B.060.DJ](#) [GMA.2B.060.DM](#) [GMA.2B.060.DN](#)

[GMA.2B.060.DR](#) [GMA.2B.060.DS](#) [GMA.2B.060.DV](#)

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Tools

Positionner	DCE.91.072.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.2B.ZZZ.PA120

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214240	PTFE	White	

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