

Special



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Summary

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[Coax triax mixed en](#)

Number of contacts Low Voltage	18
Nb of contacts Coax	2
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M25
Size	4B
Suggested matching part	FGG.4B.858.CLCM81Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-4b-858-clmm81z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	18
Contact Termination Low voltage	Crimp
Nb of contacts Coax	2
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax – Screen fixing	Crimp
R (max) - electrical contact resistance	5.8 mOhm
Insert configuration value	4B.858 - 2 Coax (50 Ohm), 18 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Impedance	50 Ohms
Test voltage (kV DC)	1.1
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.34 mm ² (AWG 22)
Contact Dia.	0.7 mm (0.028 in)
Gender	Standard

Form & Material

Shell style / Model id	PF - Fixed receptacle, with two nuts, cable collet (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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
Weight	165.33 g
Panel Drill Hole	M25

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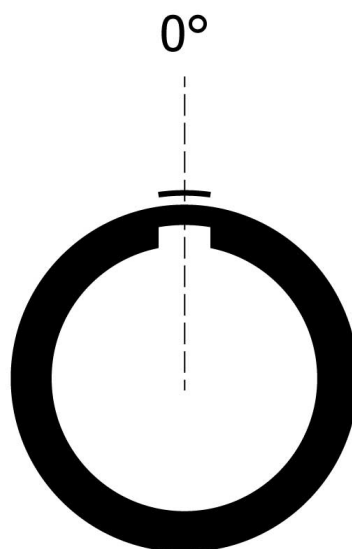
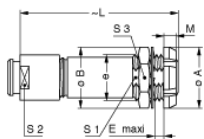
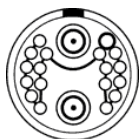
Environment

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

Drawings

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Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	30	32	M25x1.0	11	69	4.5	23.5	20	30
in.	1.18	1.26		0.43	2.72	0.18	0.93	0.79	1.18

Recommended By Lemo

Contacts

Replacement contact [EGG.4B.655.ZZM](#)

Caps

Compatible cap [BRE.4S.200.NAS](#)

Cap 2 [BRE.4S.200.NAV](#)

Bend Reliefs

GMA.2B.070.DG	GMA.2B.080.DG	GMA.2B.070.DA
GMA.2B.080.DA	GMA.2B.070.DB	GMA.2B.080.DB
GMA.2B.070.DJ	GMA.2B.080.DJ	GMA.2B.070.DM
GMA.2B.080.DM	GMA.2B.070.DN	GMA.2B.080.DN
GMA.2B.070.DR	GMA.2B.080.DR	GMA.2B.070.DS
GMA.2B.080.DS	GMA.2B.070.DV	GMA.2B.080.DV

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Tools

Die Tool	DPE.99.103.8K
Spanner 2	DCM.65.270.AZ
Positionner	DCE.91.074.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCM.65.270.AZ

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