



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

Number of contacts Low Voltage	18
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.20 mm
Size	2B
Suggested matching part	EGG.2B.318.NLL
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-318-nycd82z.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	18
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	2B.318 - 18 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	5.5 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	3 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 (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, 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	31.08 g

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-318-nycd82z.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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.)
Climatical Category	50/175/21
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	>144 hr

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.30 - 8.20 mm

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.555.ZZC
Compatible cap	BFG.2B.100.PCSG


Tools

Spanner	DCP.91.023.TN
Positionner	DCE.91.072.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.2B.ZZZ.PA120

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-318-nycd82z.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables

Cable PartNumber	Material	Colour	Cable image
218260	PVC	Black	

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-318-nycd82z.html

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.