



Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	18
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2B
Matching parts	FGG.2B.318.CYCD92
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-318-cymd92.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.

Electrical Configuration

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 Amps
Vtest (contact-contact)	1450 V (AC), 2050 V (DC)
Vtest (contact-shell)	2100 V (AC), 2970 V (DC)
Contact retention	22 N
Contact Type	Crimp
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)
Number of contacts Low Voltage	18
Wire Size/AWG	26 - 22
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	32.06 g

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-318-cymd92.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.

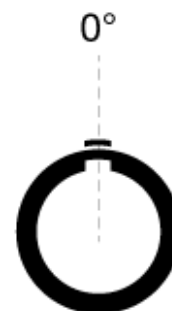
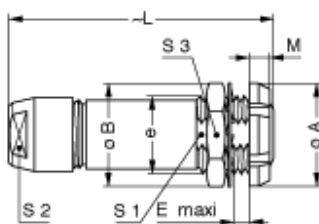
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
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	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.30 - 9.20 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	20	20	M15x1.0	6.5	47	3.5	13.5	12	17
in.	0.79	0.79		0.26	1.85	0.14	0.53	0.47	0.67

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-318-cymd92.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.

Recommended By Lemo

Accessories

Replacement contact [EGG.2B.655.ZZM](#)

Tools

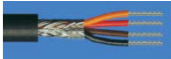


Positionner [DCE.91.072.BVM](#)

Extraction tool [DCC.07.04B.LAG](#)

Crimp tool [DPC.91.701.V](#)

Spanner wrench [Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6](#)

Cables

Cable PartNumber	Material	Colour	Cable image
218220	PVC	Black	
218240	PVC	Black	
236080	PVC	Grey	
318250	PVC	Grey	

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-318-cymd92.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.