



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	7
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGY.2B.307.PLAD7GZ
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eny-2b-307-pllb.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	7
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11 A
Vtest (contact-contact)	2.5 kV (DC)
Vtest (contact-shell)	2.3 kV (DC)
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	ENY - Fixed receptacle with grounding tab, nut fixing, PSU or PPSU outer shell
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	3 keys (beta=112.5, gamma=100, plug: male contacts, receptacle: female contacts)
Weight	8.26 g

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eny-2b-307-pllb.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.

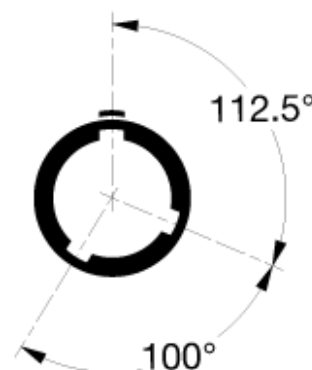
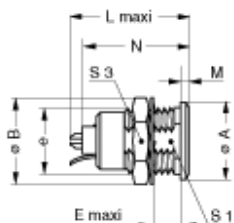
Environment

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	-50°C / +150°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]

Cable fixation

Jacket cable outside diameter [mm]	2.00 - 13.60 mm
------------------------------------	-----------------

Drawings
















Dimensions

	A	B	e	E	L	M	N	S1	S3
mm.	18	19.5	M15x1.0	8.5	26.7	1.8	24.6	13.5	17
in.	0.71	0.77		0.33	1.05	0.07	0.97	0.53	0.67

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eny-2b-307-pllb.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
CMN.07.T20.062PGZE		grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eny-2b-307-pllb.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.