



## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Reverse Gender
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2B
Matching parts	<a href="#">EGK.2B.308.CYC</a>
Alternative part	<a href="#">FPK.2B.308.CYMD72Z</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.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)	4.8 mOhm
Insert configuration value	2B.308 - 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 Amps
Vtest (contact-contact)	1950 V (AC), 2750 V (DC)
Vtest (contact-shell)	1950 V (AC), 2800 V (DC)
Contact retention	30 N
Contact Type	Crimp
Max. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Min. Conductor	0.25 mm <sup>2</sup> (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Reverse Gender

## Form & Material

Shell style / Model id	FH - Elbow plug, cable collet and nut for fitting a 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	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Variant	Nut for fitting a bend relief
Weight	43.31 g

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.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.

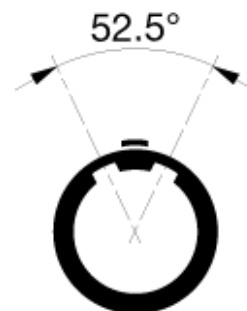
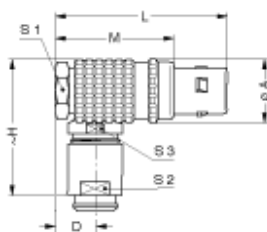
## Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.30 - 7.20 mm

## Drawings



## Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	34.3	41.5	29.5	14	12	14
in.	0.65	0.35	1.35	1.63	1.16	0.55	0.47	0.55

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.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	<a href="#">EGG.2B.660.ZZM</a>
---------------------	--------------------------------

## Tools






Positionner	<a href="#">DCE.91.092.BVM</a>
-------------	--------------------------------

Extraction tool	<a href="#">DCC.09.05B.LAG</a>
-----------------	--------------------------------

Crimp tool	<a href="#">DPC.91.701.V</a>
------------	------------------------------

Spanner wrench	<a href="#">DCD.2B.ZZZ.PA120</a>
----------------	----------------------------------

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		grey	
CMN.08.T20.067PNZE			
108220	PVC	Black	
280250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhk-2b-308-cymd72z.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.