

SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	8.30 - 9.20 mm
Status	active
Matching parts	EGA.2B.319.CYM PHA.2B.319.CYMD92Z

Download

- [Request a quote](#)
- [Eplan](#)
- [Catalog](#)
- [See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
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
Variant	Z : Nut for fitting a bend relief
Weight	30.76 g

Performance

Configuration	2B.319 : 19 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5 Amps

Specifications

- Contact Type: Crimp
- Contact Retention: 22 N
- Contact Dia.: 0.7 mm (0.028in)
- Bucket Dia.: 0.8 mm (0.031in)
- Min. Conductor: 0.14 mm² (AWG 26)
- Max. Conductor: 0.34 mm² (AWG 22)

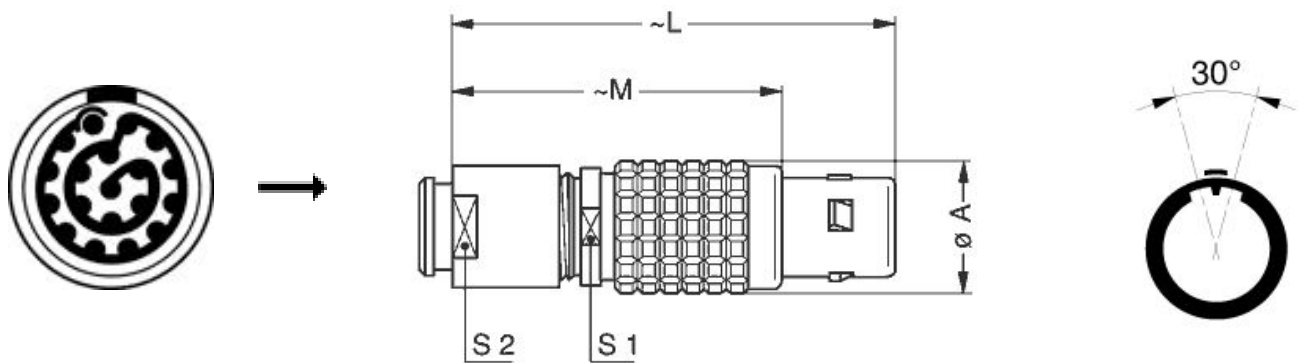
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

R (max): 6.1 mOhm
 Vtest (contact-shell): 1650 V (AC), 2350 V (DC)
 Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Others

Endurance (Shell): 5000
 Temp (min / max): -55° C / +250° C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

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.

Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	DCE.91.072.BVC
Extractor:	DCC.07.04B.LAG
Replacement contact:	FGG.2B.555.ZZC
Spanner wrench:	DCD.2B.ZZZ.PA120

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.