

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0B
Termination type Male crimp
IP rating 50
AWG wire size 26.00 - 22.00
Cable Ø 4.30 - 5.20 mm
Status active
Matching parts [EGG.OB.305.CYM](#)
[PHG.OB.305.CYMD52Z](#)

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 1 key (alpha=0, 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 9.92 g

Performance

Configuration 0B.305 : 5 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 6.5 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)

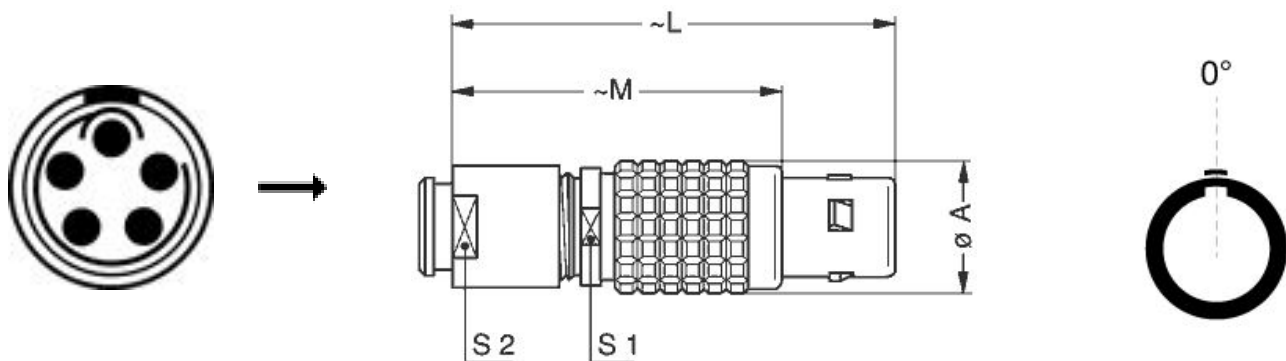
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

R (max): 6.1 mOhm
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
 Vtest (contact-contact): 1250 V (AC), 1770 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.	9.5	35	25	8	7
in.	0,37	1,38	0,98	0,31	0,28


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.91.070.BVC
Extractor:	DCC.07.04B.LAG
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	DCD.0B.ZZZ.PA070
Caps:	BFG.0B.100.PCSG

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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.