

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	EGG.0B.307.CLL

Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	11.37 g

Performance

Configuration	0B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

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.

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

Draws



Dimensions

	A	H	L	M	S1	S2	S3
mm.	9.5	23	30	20	8	7	8
in.	0.37	0.91	1.18	0.79	0.31	0.28	0.31

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.0B.005.PA070](#)

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

007 050	PVC	Black	
---------	-----	-------	---

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.