

FGG.0B.302.CLAD52

SUMMARY

Wires

Low voltage



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.0B.302.CLL
	PHG.0B.302.CLLD52

Download <u>Request a quote</u> <u>Eplan</u> <u>Catalog</u> See video assembly instructions

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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
Weight	8.21 g
Performance	
Configuration	0B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps
Specifications	
-	

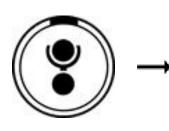
Contact Type: Solder Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.0 mm (0.039in) Max. Solid Conductor: 0.56 mm^2 (AWG 20) Max. Stranded Conductor: 0.56 mm^2 (AWG 20) R (max): 4.8 mOhm Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

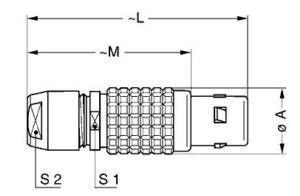
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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







Dimensions

	А	L	м	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

RECOMMENDED BY LEMO

Tools

Caps:

Spanner wrench:

DCD.0B.ZZZ.PA070

BFG.0B.100.PCSG

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

120240	PVC	Black	
120250	PVC	Grey	× ×
2221	PVC	Black	
4082	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.