

SUMMARY

Wires

Low voltage	12
-------------	----



Image is for illustrative purpose only

Series	3B
Termination type	Coupler/adaptor/bridge
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

Download

[Request a quote](#)[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	RG*: Fixed coupler, nut fixing, key (G) at the flange end and keys (G,J or M) at the other end
Keying	Front side: 1 key (alpha=0, female) ; Other side: 2 keys (alpha=37.5, male)
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	79.81 g

Performance

Configuration	3B.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

Specifications

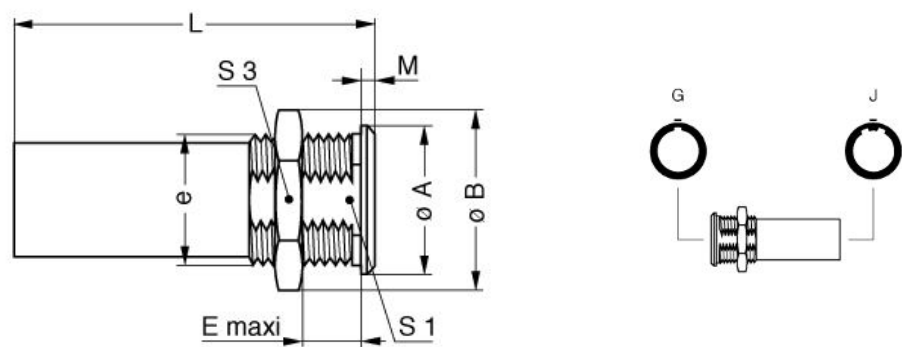
Contact Type: Solder
Contact Dia.: 0.9 mm (0.04in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest (contact-shell): 1000 V (AC), 1400 V (DC)
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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

	A	B	E	L	M	S1	S3	e
mm.	25	27.5	32	53	4	18.5	24	M20x1.00
in.	0,98	1,08	1,26	2,09	0,16	0,73	0,94	

RECOMMENDED BY LEMO

Tools

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.

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.