

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series 0S
Termination type Female solder High-Voltage
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 1.30 - 6.20 mm
Status active
Matching parts [FFA.0S.403.CLAK52](#)

Download

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

TECHNICAL DETAILS

Mechanics

Shell Style/Model ERA*: Fixed receptacle, nut fixing
Keying Circular, female
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 4.40 g

Performance

Configuration 0S.403 : 1 High Voltage
Insulator T: PTFE
Rated Current 4 Amps

Specifications

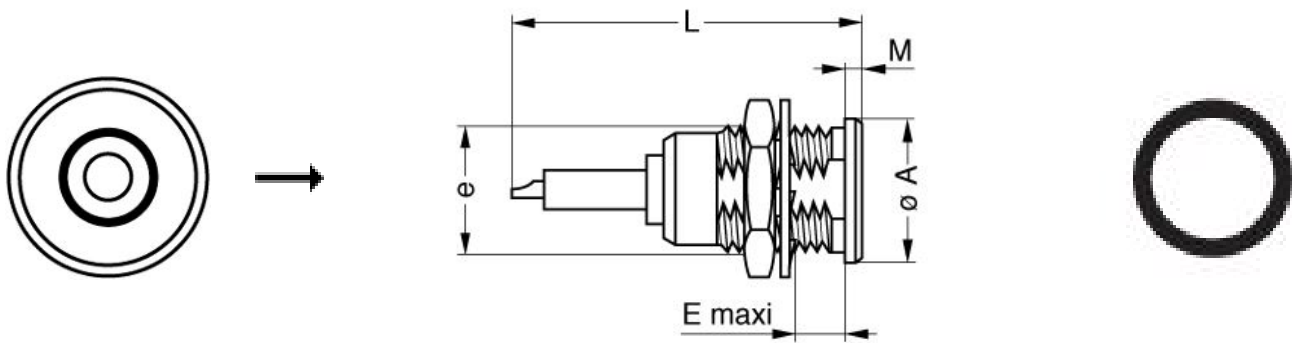
Contact Type: Solder
Test voltage (kV DC) 6
Test voltage (kV AC) 4.2
Air clearance min.: 6.8 mm
Creepage distance min.: 7 mm

Others

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.

Endurance (Shell): 5000 mating cycles
 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	E	L	M	e
mm.	10	7	25	1.2	M9x0.6
in.	0,39	0,28	0,98	0,05	

RECOMMENDED BY LEMO

Tools

Cables

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.