

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2W
Termination type Female solder
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FVA.2W.310.CLAC35](#)

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model HV*: Fixed socket, nut fixing, vacuumtight
Keying 2 keys (alpha=30; 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 PV : Watertight / Vacuum-tested
Weight 28.95 g

Performance

Configuration 2W.310 : 10 Low Voltage
Insulator
Rated Current 8 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
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

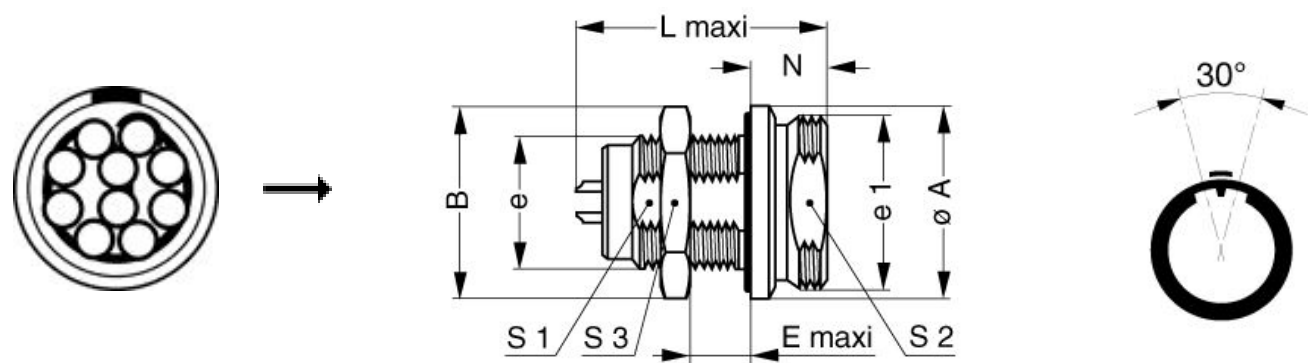
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Vtest (contact-contact): 1450 V (AC) 2100 V (DC)
Vtest (contact-shell): 1300 V (AC) 1800 V (DC)

Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -20° C / +80° C
Humidity (max): <=95% [at 60 deg C / 140 F]
Climatical Category: 20/200/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion: >1000 hr
Pressure: 40 bars

DRAWINGS



Dimensions













	A	B	E	L	N	S1	S2	S3	e	e1
mm.	22.5	21.8	12	35.8	9	14.5	18.5	19	M16x1.0	M20x1.0
in.	0,89	0,86	0,47	1,41	0,35	0,57	0,73	0,75		

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.

Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	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.