

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	1K
Termination type	Female crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	4.10 - 4.50 mm
Status	active
Matching parts	<a href="#">EGL.1K.308.CYC</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male 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	Z : Nut for fitting a bend relief
Weight	38.37 g

### Performance

Configuration	1K.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5 Amps

### Specifications

Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor: 0.34 mm <sup>2</sup> (AWG 22)

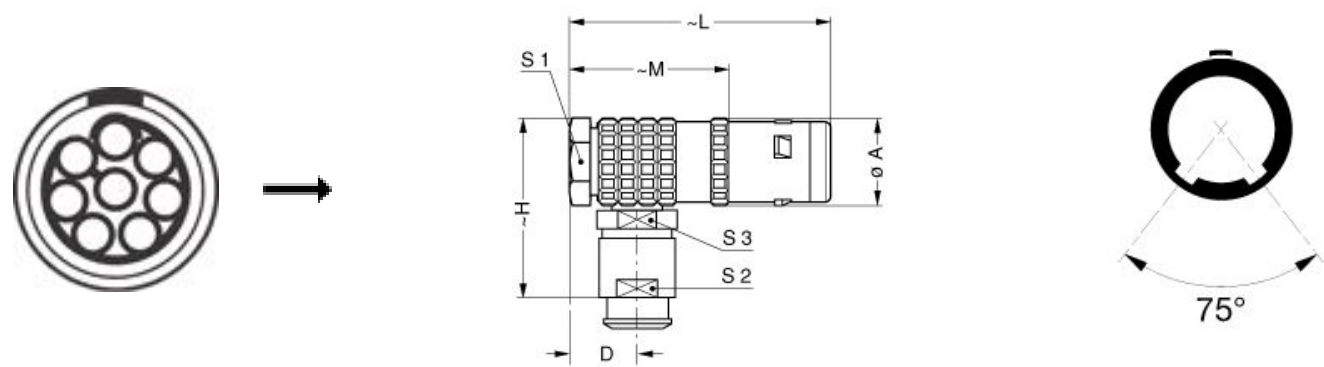
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R (max): 6.1 mOhm  
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	D	L	M	S1	S2	S3
mm.	14	8.8	43	29	12	9	10
in.	0,55	0,35	1,69	1,14	0,47	0,35	0,39

RECOMMENDED BY LEMO

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Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5
- Positionner: [DCE.91.071.BVM](#)
- Extractor: [DCF.91.070.2LT](#)
- Replacement contact: EGG.1B.655.ZZM
- Spanner wrench: [DCD.1E.008.PA090](#)

Cables

CMN.08.T26.042QGZE	TPR (medical)	Grey	
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