

SUMMARY

Wires

Low voltage	8
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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	EGL.1K.308.CYC

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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 ² (AWG 26)
Max. Conductor:	0.34 mm ² (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]

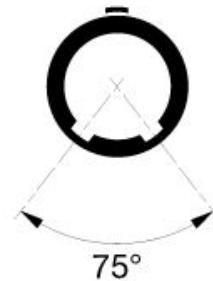
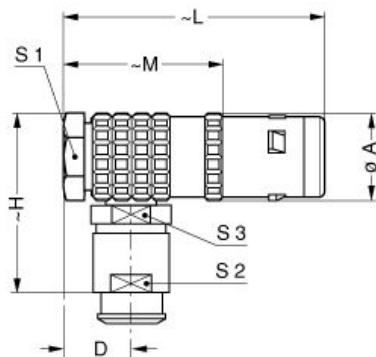
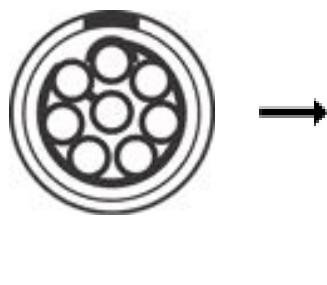
Climatical Category: 50/175/21

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

Cables

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