

SUMMARY

Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0M
Termination type	Female crimp
IP rating	68
Cable Ø	4.00 - 8.00 mm
Matching parts	EGS.0M.305.XLC



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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with arctic grip
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 4 - 8 mm
Variant	

Performance

Configuration	0M.305 : 5 Low Voltage
Insulator	
Rated Current	6.5 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
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)

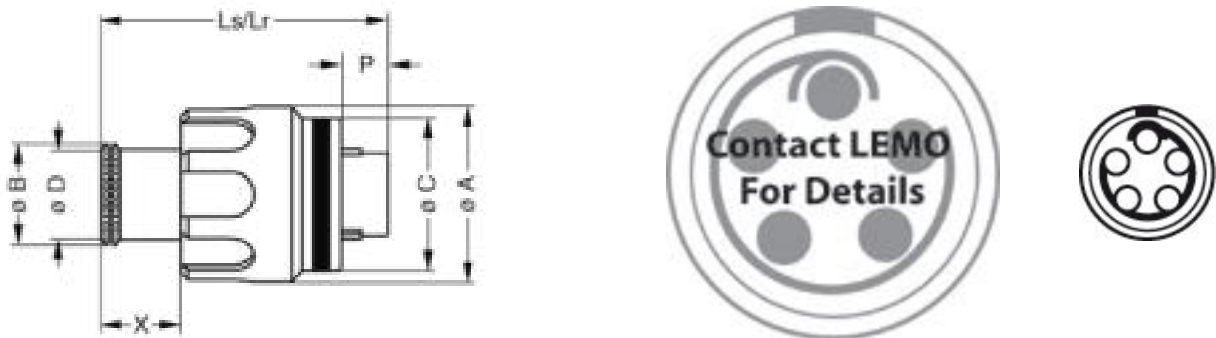
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.25
Test voltage (kV rms) Contact-shell: 1

Others

Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Operating temperature: -55°C / +200°C
Climatical Category: 15/200/21 (Al. shell)
Lighting strike EIA 364-75 10K amps - 6 times
EMI Shielding EIA 364-66A - 1Ghz-80 dB, 3GHz-70 dB, 6GHz- 58dB
IP Rating: 68

DRAWINGS

Draws



Dimensions







	A	B	C	D	Lr	Ls	P	X
mm.	14.4	8.8	12.7	8	24.1	24.1	3.9	6.7
in.	0,57	0,35	0,50	0,31	0,95	0,95	0,15	0,26

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: DCE.91.070.3MVM
Extractor: DCF.93.070.4LT
Replacement contact: EGN.0M.655.ZZM

Cables

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051PNZE			
CMN.05.T22.051QGZE	TPR (medical)	Grey	
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	