

SUMMARY

Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	0M
Termination type	Male crimp
IP rating	68
Cable Ø	4.00 - 8.00 mm
Matching parts	PMN.0M.305.XLMT
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FM*: Straight plug, key (N) or keys (P, R, S, T, U, V, W and X) with knurled grip and mold stop
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 4 - 8 mm
Variant	
Weight	6.52 g

Performance

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

Specifications

Contact Type: Crimp

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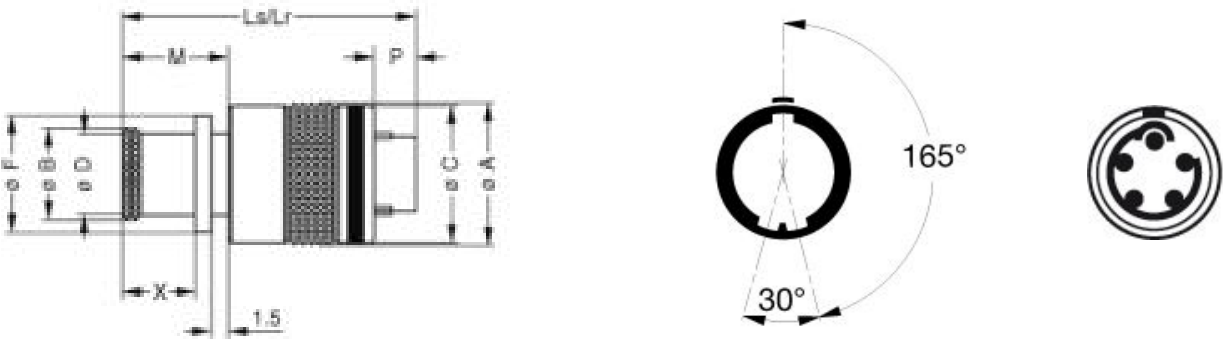
Max. Matings: 3000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.25
Test voltage (kV rms) Contact-shell: 1

Others

Humidity (max): <=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	F	Lr	Ls	M	P	X
mm.	13.1	8.8	12.7	8	10.7	27.1	27.1	9.7	3.9	6.7
in.	0,52	0,35	0,50	0,31	0,42	1,07	1,07	0,38	0,15	0,26

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.070.5MVC

Extractor: DCF.93.070.4LT

Replacement contact: FGN.0M.555.ZZC

Cables

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