



Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Ratchet
Jacket cable outside diameter [mm]	4.00 - 8.00 mm
Size	0M
Matching parts	PMP.0M.304.XLMT
Series	M - Rugged Ratchet coupling

Technical details

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/fmp-0m-304-xlct.html

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Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	0M.304 - 4 Low Voltage
Insulator	L: PEEK
Rated current	7 Amps
Test voltage (kV rms) Contact-contact	1.35
Test voltage (kV rms) Contact-shell	0.9
Contact retention	22 N
Contact Type	Crimp
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	4
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	FM - Straight plug, key (N) or keys (P, R, S, T, U, V, W and X) with knurled grip and mold stop
Plug	Straight
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Ratchet
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Weight	6.71 g

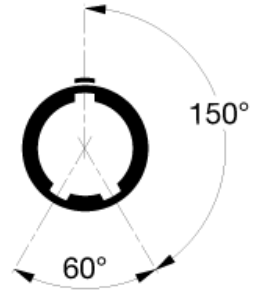
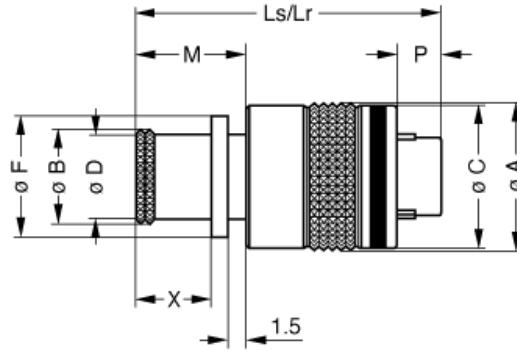
Cable fixation

Cable termination protection	For overmolding
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	4.00 - 8.00 mm

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Drawings



Dimensions

	A	B	C	D	F	Ls	Lr	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	0.5	0.31	0.42	1.07	1.07	0.38	0.15	0.26

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