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## Summary

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Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Ratchet
Jacket cable outside diameter [mm]	6.50 - 13.00 mm
Size	2M
Suggested matching part	<a href="#">FGN.2M.308.XRCT6</a>
Series	M - Rugged Ratchet coupling

[https://www.lemo.com/int\\_en/solutions/optima/m-ratchet-coupling/pen-2m-308-xrmt6.html](https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/pen-2m-308-xrmt6.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	2M.308_6 - 6 (0.7 mm) + 2 (1.3 mm) Low Voltage
Insulator	R: PEEK (mixed multipole)
Rated current	10 A
Test voltage (kV rms) Contact-contact	1.95
Test voltage (kV rms) Contact-shell	1.1
Contact retention	30 N
Contact Type	Crimp
Max. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Min. Conductor	0.25 mm <sup>2</sup> (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Standard

## Form & Material

Shell style / Model id	PE - Fixed receptacle, nut fixing and mold stop
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Ratchet
Keying	N: 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	14.67 g

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# Recommended By Lemo

## Accessories

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Replacement contact [EGN.0M.655.ZZM](#)

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Compatible cap [BGK.2M.200.XAZ](#)

## Tools

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Positionner [DCE.91.070.3MVM](#)

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Positionner 2 [DCE.91.130.5MVM](#)

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Extraction tool [DCF.93.131.4LT](#)

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Extraction tool 2 [DCF.93.070.4LT](#)

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Crimp tool [DPC.91.701.V](#)

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Spanner wrench [DCM.65.180.AZ](#)

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