



## Summary

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Number of contacts Low Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Ratchet
Size	2M
Matching parts	<a href="#">FMU.2M.308.XLC</a>
Series	M - Rugged Ratchet coupling

## Technical details

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

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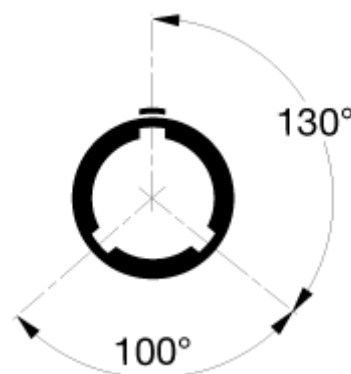
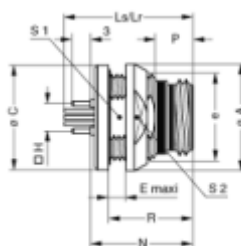
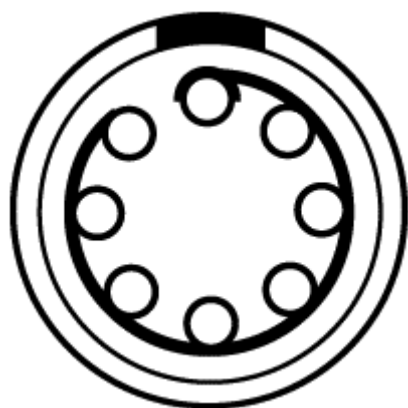
## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	2M.308 - 8 Low Voltage
Insulator	L: PEEK
Rated current	10 Amps
Test voltage (kV rms) Contact-contact	1.95
Test voltage (kV rms) Contact-shell	1.1
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	8
Gender	Standard

## Form & Material

Shell style / Model id	HE - Fixed receptacle, nut fixing for printed circuit, watertight
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	3 keys (beta=130, gamma=100, plug: male contacts, receptacle: female contacts)
Variant	Watertight unmated (connector to device)
Weight	11.3 g

## Drawings



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

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Dimensions

	A	C	e	E	H	Ls	Lr	N	P	R	S1	S2
mm.	21	20.8	M17x1.00	5	8.89	20.8	21	16.8	5.3	13.8	15.5	18
in.	0.83	0.82		0.2	0.35	0.82	0.83	0.66	0.21	0.54	0.61	0.71