

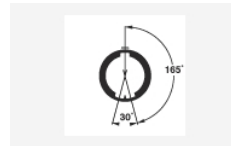
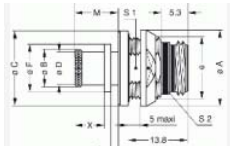
Part Number . . . **PEN.1M.308.XLMT**

Size/Series 1MN / M

[Request a quote](#)**MECHANICAL DETAILS**

Shell Style/Model	PE*: Fixed receptacle, nut fixing 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	∅ : 0 - 0 mm
Variant	:

	A	B	C	D	F	L	M	S1	S2	X	e
mm.	18.0	10.5	17.8	9.7	12.4	25.6	9.7	12.5	16.0	6.7	M14x1.00
in.	0.71	0.41	0.70	0.38	0.49	1.01	0.38	0.49	0.63	0.26	

[Copyright](#) [Privacy policy](#) [Product safety](#)**PERFORMANCE DETAILS**

Insert Configuration Specifications	1M.308 : 8 Low Voltage
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

OTHER CHARACTERISTICS

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

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