

## SUMMARY

### # Wires

Low	12
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	2M
Termination type	Female crimp
IP rating	68
Cable Ø	6.50 - 13.00 mm
Matching parts	FMN.2M.312.XLCT
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

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	∅ 6.5 - 13 mm
Variant	
Weight	13.26 g

### Performance

Configuration	2M.312 : 12 Low Voltage
Insulator	
Rated Current	7 Amps

### Specifications

Contact Type: Crimp  
Max. Matings: 3000

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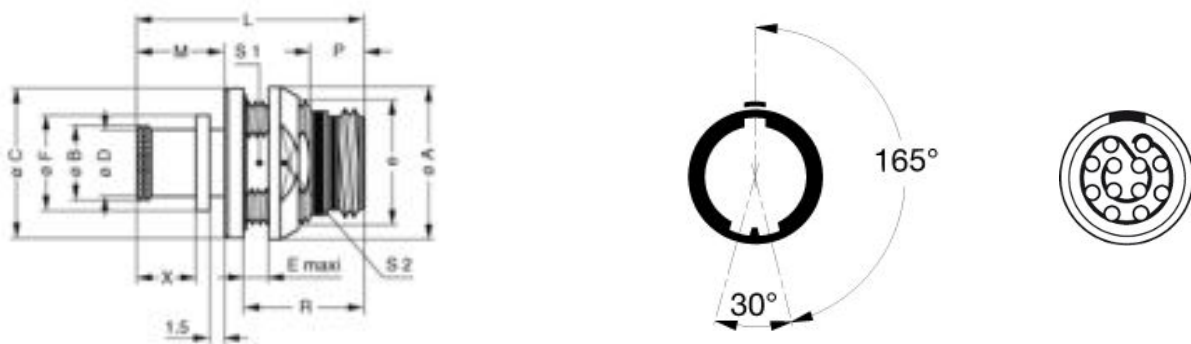
Contact Retention: 22 N  
 Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.65  
 Test voltage (kV rms) Contact-shell: 1.15

## 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	E	Lr	Ls	M	P	R	S1	S2	e
mm.	21	14	20.8	13	5	26	26	10.1	5.3	13.8	15.5	18	M17x1.00
in.	0,83	0,55	0,82	0,51	0,20	1,02	1,02	0,40	0,21	0,54	0,61	0,71	

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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.91.070.3MVM

Extractor: DCF.93.070.4LT

Replacement contact: EGN.0M.655.ZZM

Spanner wrench: DCM.65.000.4PA

## Cables

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