

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 4 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

|                  |                |
|------------------|----------------|
| Series           | 0M             |
| Termination type | Female crimp   |
| IP rating        | 68             |
| Cable Ø          | 0.00 - 0.00 mm |
| Matching parts   | FMN.0M.304.XLC |
| Status           |                |
| Alternative part |                |



Image is for illustrative purpose only

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle with arctic grip   |
| 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           |   |

### Performance

|               |                        |
|---------------|------------------------|
| Configuration | 0M.304 : 4 Low Voltage |
| Insulator     |                        |
| Rated Current | 7 Amps                 |

### Specifications

|                                |
|--------------------------------|
| Contact Type: Crimp            |
| Max. Matings: 5000             |
| Contact Retention: 22 N        |
| Contact Dia.: 0.7 mm (0.028in) |
| Bucket Dia.: 0.8 mm (0.031in)  |

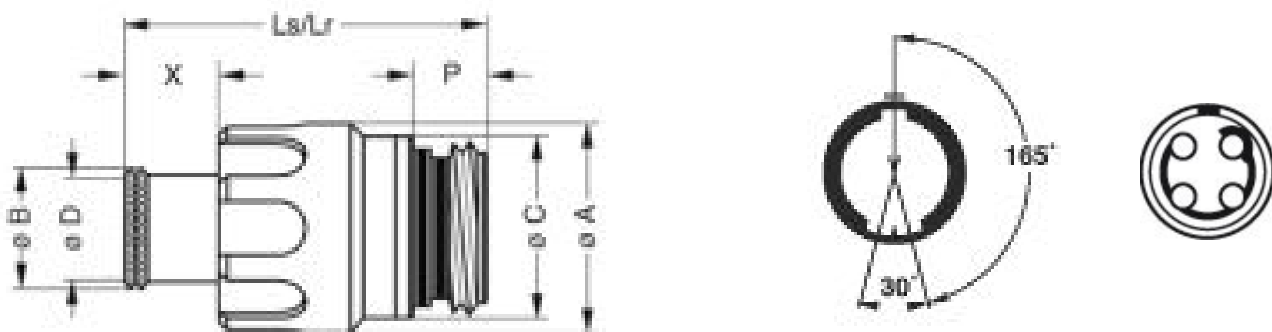
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.35  
 Test voltage (kV rms) Contact-shell: 0.9

## 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    | Lr   | Ls   | P    | X    |
|-----|------|------|------|------|------|------|------|------|
| mm. | 14.4 | 8.8  | 12.7 | 8    | 25.6 | 25.6 | 5.3  | 6.7  |
| in. | 0,57 | 0,35 | 0,50 | 0,31 | 1,01 | 1,01 | 0,21 | 0,26 |

## 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

## Cables