

SUMMARY

Wires

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



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| | |
|------------------|--------------------|
| Series | 4B |
| Termination type | Female crimp |
| IP rating | 50 |
| Cable Ø | 9.10 - 10.50 mm |
| Matching parts | FGA.4B.304.CYCD10Z |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting) |
| Keying | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 9.1 - 10.5 mm |
| Variant | Z : Nut for fitting a bend relief |
| Weight | 153.18 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 4B.304 : 4 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 30 Amps |

Specifications

| |
|---------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |

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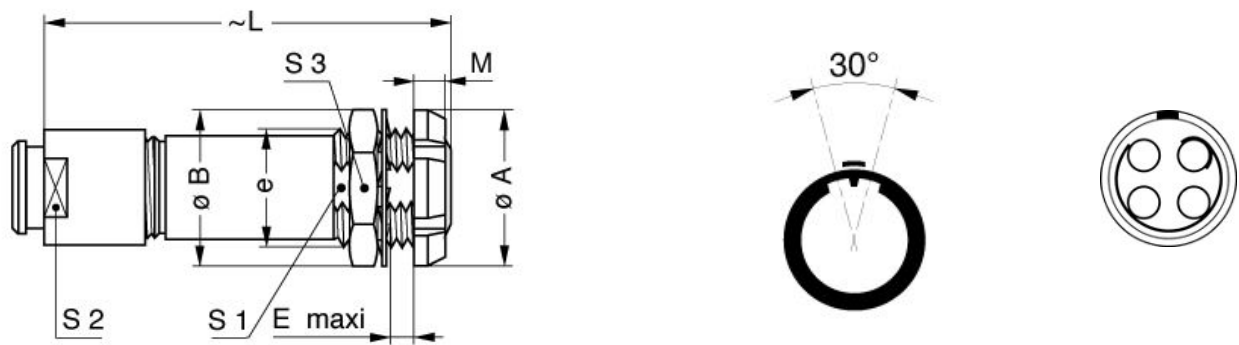
Contact Retention: 75 N
Contact Dia.: 3 mm (0.118in)
Bucket Dia.: 2.9 mm (0.114in)
Min. Conductor: 2.5 mm² (AWG 14)
Max. Conductor: 4 mm² (AWG 10)
R (max): 3.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

Others

Temp (min / max): -55° C / +250° C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 30 | 32 | 11 | 69 | 4.5 | 23.5 | 20 | 30 | M25x1.0 |
| in. | 1,18 | 1,26 | 0,43 | 2,72 | 0,18 | 0,93 | 0,79 | 1,18 | |

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.102.V

Crimp settings: AWG/Selector = 10-12-14/3-1-1

Positionner: DCE.91.304.BVCM

Extractor: DCF.91.303.5LT

Replacement contact: EGG.4B.680.ZZM

Cables

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