

SUMMARY

Wires

| | |
|---------|----|
| Low | 20 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|----------------|
| Series | 4B |
| Termination type | Female crimp |
| IP rating | 50 |
| Cable Ø | 7.80 - 9.20 mm |
| Matching parts | |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting) |
| Keying | 1 key (alpha=0, 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 | ∅ 7.8 - 9.2 mm |
| Variant | Z : Nut for fitting a bend relief |
| Weight | 167.20 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 4B.320 : 20 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 8 Amps |

Specifications

Contact Type: Crimp
Max. Matings: 5000

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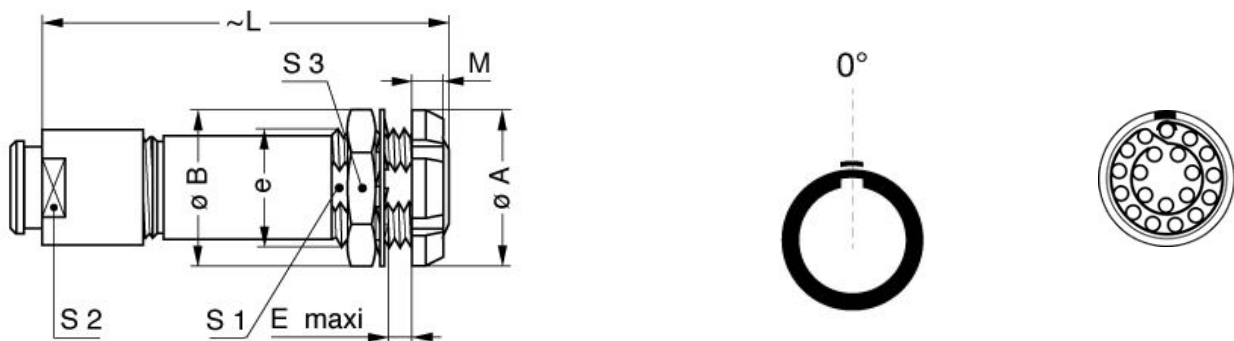
Contact Retention: 30 N
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 950 V (AC), 1340 V (DC)
 Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

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.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.094.BVM

Extractor: DCF.91.093.5LT

Replacement contact: EGG.4B.660.ZZM

Cables

| | | | |
|--------------------|-----|-------|---|
| CMN.20.T22.084PGCE | PVC | GREY |  |
| CMN.20.T22.084PGZE | | Grey |  |
| CMN.20.T22.084PNCE | PVC | Black |  |
| CMN.20.T22.084PNZE | | |  |
| 420 250 | PVC | Grey |  |

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