

SUMMARY

Wires

| | |
|---------|----|
| Low | 18 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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Series

| | |
|------------------|-------------------|
| Termination type | Female crimp |
| IP rating | 50 |
| Cable Ø | 8.30 - 9.20 mm |
| Matching parts | FGG.2B.318.CYCD92 |
| 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 | ∅ 8.3 - 9.2 mm |
| Variant | |

Performance

| | |
|---------------|----------------------------|
| Configuration | 2B.318 : 18 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 5.5 Amps |

Specifications

| |
|-------------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 22 N |

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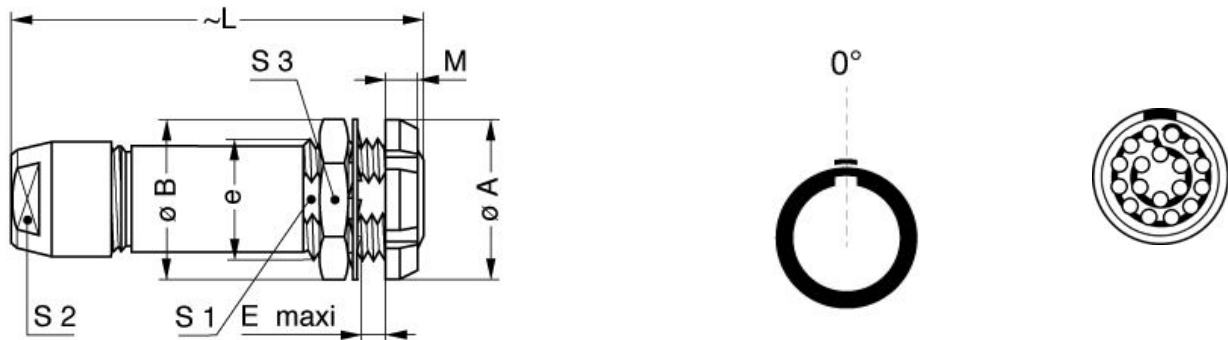
Contact Dia.: 0.7 mm (0.028in)
 Bucket Dia.: 0.8 mm (0.031in)
 Min. Conductor: 0.14 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
 Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

Others

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. | 20 | 20 | 6.5 | 47 | 3.5 | 13.5 | 12 | 17 | M15x1.0 |
| in. | 0,79 | 0,79 | 0,26 | 1,85 | 0,14 | 0,53 | 0,47 | 0,67 | |

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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.91.072.BVM

Extractor: DCF.91.070.2LT

Replacement contact: EGG.2B.655.ZZM

Spanner wrench: MTZ.2B.220.120

Cables

| | | | |
|---------|-----|-------|---|
| 218 220 | PVC | Black |  |
| 218 240 | PVC | Black |  |
| 236 080 | PVC | Grey | |
| 318 250 | PVC | Grey |  |

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