

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series 2B
Termination type Male crimp
IP rating 50
AWG wire size 26.00 - 22.00
Cable Ø 5.30 - 6.20 mm
Status active
Matching parts [EGG.2B.314.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant Z : Nut for fitting a bend relief
Weight 31.06 g

Performance

Configuration 2B.314 : 14 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 6.5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 22 N
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)

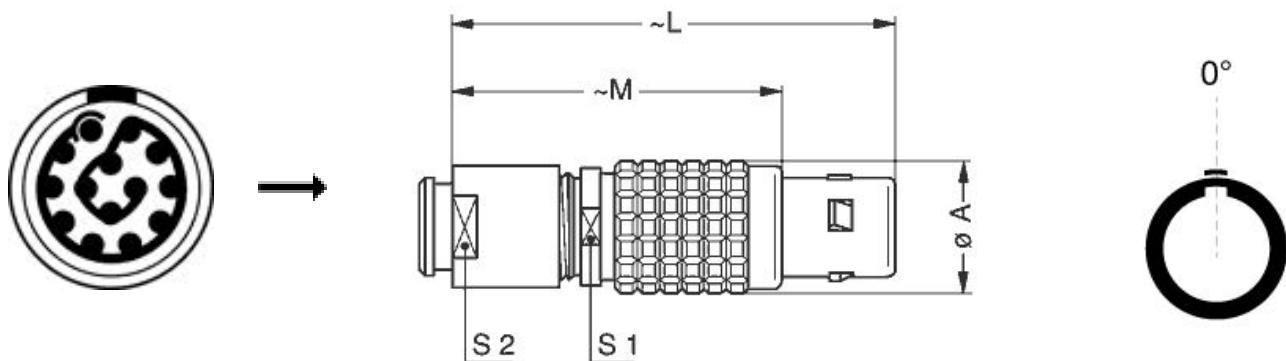
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R (max): 6.1 mOhm
 Vtest (contact-shell): 1950 V (AC), 2750 V (DC)
 Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Others

Endurance (Shell): 5000
 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]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 15 | 49 | 37 | 13 | 12 |
| in. | 0,59 | 1,93 | 1,46 | 0,51 | 0,47 |

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Tools

| | |
|----------------------|----------------------------------|
| Crimp Tool: | DPC.91.701.V |
| Crimp settings: | AWG/Selector = 22-24-26/6-5-5 |
| Positionner: | DCE.91.072.BVC |
| Extractor: | DCF.91.070.2LT |
| Replacement contact: | FGG.2B.555.ZZC |
| Spanner wrench: | DCD.2B.025.PA120 |
| Caps: | BFG.2B.100.PCSG |

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.14.T28.056PGZE | | Grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |
| 114260 | PTFE | White |  |
| 214240 | PTFE | White |  |

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