

SUMMARY

Wires

Low voltage	12
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Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	EGG.2B.312.CYM

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet for 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	45.64 g

Performance

Configuration	2B.312 : 12 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 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 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)

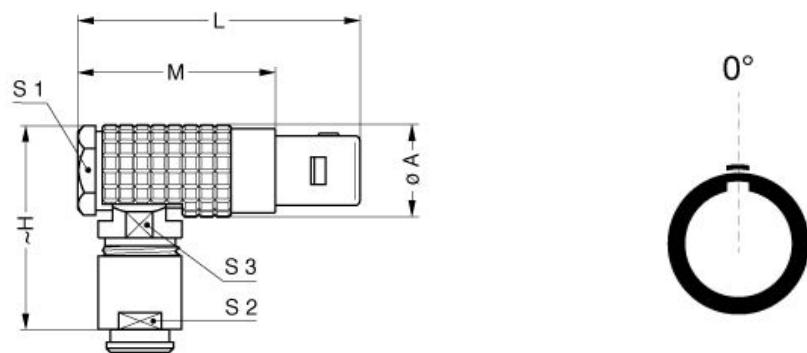
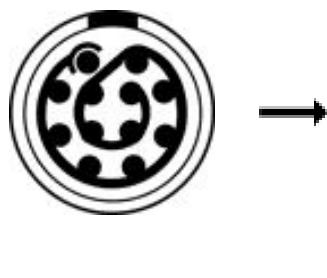
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R (max): 6.1 mOhm
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

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	H	L	M	S1	S2	S3
mm.	15	33,6	41,5	29,5	13,5	12	13
in.	0,59	1,32	1,63	1,16	0,53	0,47	0,51

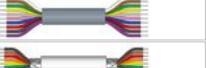
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Tools

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

Cables

CMN.12.T22.070QGZE	TPR (medical)	Grey	
112240	PTFE	White	
124084	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	

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