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# FPG.2B.314.CYCD62Z

# **SUMMARY**

#### # Wires

 Low
 14

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0



Image is for illustrative purpose only

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Catalog

#### Series

**Termination type** Male crimp

IP rating 50

Cable Ø 5.30 - 6.20 mm

Matching parts EGG.2B.314.CLL

Status active

Alternative part

# **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) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing : 5.3 - 6.2 mm

**Variant** Z: Nut for fitting a bend relief

### **Performance**

Configuration 2B.314: 14 Low Voltage Insulator Y: PEEK for crimp contacts

Rated Current 6.5 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 mm^2 (AWG 26) Max. Conductor: 0.34 mm^2 (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1950 V (AC), 2750 V (DC) Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

### **Others**

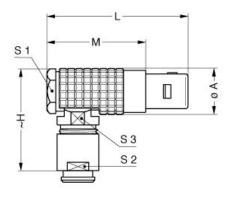
Humidity (max): <=95% [at 60 deg C /140 F]

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**

	А	Н	L	М	<b>S</b> 1	S2	<b>S</b> 3
mm.	15	40.5	41.5	29.5	13.5	12	13
in.	0,59	1,59	1,63	1,16	0,53	0,47	0,51

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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.BVC Extractor: DCF.91.070.2LT

Replacement contact: FGG.2B.555.ZZC Spanner wrench: DCD.2B.025.PA120

#### **Cables**

CMN.14.T28.056PGCE	PVC	GREY	<b>&gt;===</b>
CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNCE	PVC	Black	
CMN.14.T28.056PNZE			<b>&gt;—</b>
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114 260	PTFE	White	
214 240	PTFE	White	<b>&gt;</b> ====

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