

## SUMMARY

#### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	1B
Termination type	Male solder
IP rating	50
Cable Ø	5.30 - 6.20 mm
Matching parts	EZG.1B.308.YLN
Status	active
Alternative part	

# FHG.1B.308.YLAD62



Image is for illustrative purpose only

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### **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model	FH*: Elbow plug, cable collet				
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)				
Housing Material	Special housing (see notes for details)				
Cable Fixing	D62: 5.3 - 6.2 mm				
Variant					
Weight	23.69 g				
Performance					
Configuration	1B.308 : 8 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)				
Rated Current	5 Amps				

#### Specifications

Contact Type: Solder Max. Matings: 5000 Contact Dia.: 0.7 mm (0.028in)

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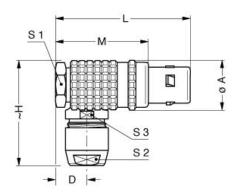
Bucket Dia.: 0.8 mm (0.031in) Max. Stranded Conductor: 0.34 mm^2 (AWG 22) Max. Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm Vtest (contact-shell): 1150 V (AC), 1630 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

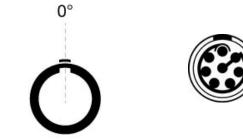
#### Others

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

	А	D	Н	L	Μ	S1	S2	\$3
mm.	13.5	8	30.5	36	25	11	9	10
in.	0,53	0,31	1,20	1,42	0,98	0,43	0,35	0,39

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### **RECOMMENDED BY LEMO**

#### Tools

Spanner wrench: DCD.1B.015.PA090

#### Cables

CMN.08.T22.059PGCE	PVC	GREY	>
CMN.08.T22.059PGZE		Grey	
CMN.08.T22.059PNCE	PVC	Black	>
CMN.08.T22.059PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
180 240	PVC	Black	
180 260	PVC	Black	
335 991	PVC	Black	<b>B</b>

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