

## SUMMARY

### # Wires

Low voltage	6
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*Image is for illustrative purpose only*

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	<a href="#">EGA.0B.306.CYM</a>

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[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=30, 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	9.16 g

### Performance

Configuration	0B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	12 N
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Min. Conductor:	0.035 mm <sup>2</sup> (AWG 32)
Max. Conductor:	0.09 mm <sup>2</sup> (AWG 28)

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R (max): 8.7 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

Vtest (contact-contact): 1400 V (AC), 1980 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]

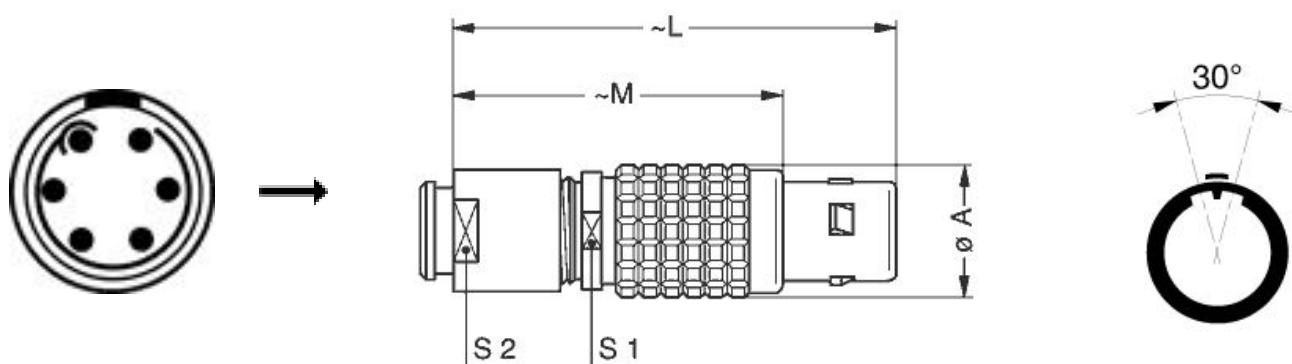
Climatical Category: 50/175/21

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.	9.5	35	25	8	7
in.	0,37	1,38	0,98	0,31	0,28

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#"><u>DPC.91.701.V</u></a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#"><u>DCE.91.050.BVC</u></a>
Extractor:	<a href="#"><u>DCF.91.050.2LT</u></a>
Replacement contact:	FGG.0B.554.ZZC
Spanner wrench:	<a href="#"><u>DCD.0B.005.PA070</u></a>

## Cables

CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
6280	PVC	Black	

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