

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	00
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	2.80 - 3.50 mm
Status	NRND
Alternative part	FGG.00.302.CYCD35
Matching parts	EGG.00.302.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

Performance

Configuration	00.302 : 2 Low Voltage
Insulator	
Rated Current	3.5 Amps

Specifications

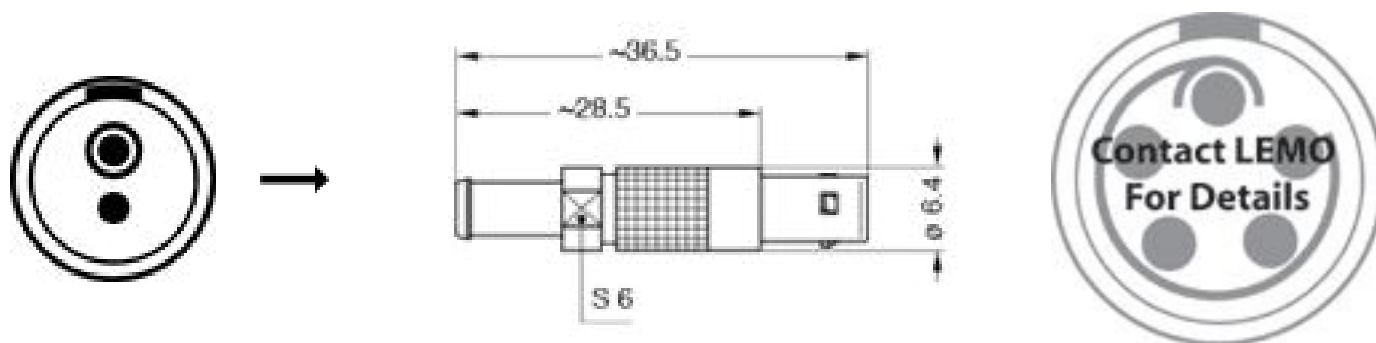
Contact Type: Crimp
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.02in)
Min. Conductor: 0.09 mm² (AWG 28)
Max. Conductor: 0.035 mm² (AWG 32)
R (max): 8.7 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

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Others

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	6.4	28.5	20.7	5.5	6
in.	0,25	1,12	0,81	0,22	0,24

RECOMMENDED BY LEMO

Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	DCE.91.050.0VC
Extractor:	DCF.91.050.2LT
Replacement contact:	FGG.00.554.ZZC
Caps:	BFG.00.100.PCSG

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Cables

CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2080	PVC	Grey	

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