

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	FF
Termination type	Female crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	2.20 - 6.30 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ECN*: Fixed receptacle with 2 nuts key (N) or key (S), protruding shell (back panel mounting)
Keying	
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	3.07 g

Performance

Configuration	
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

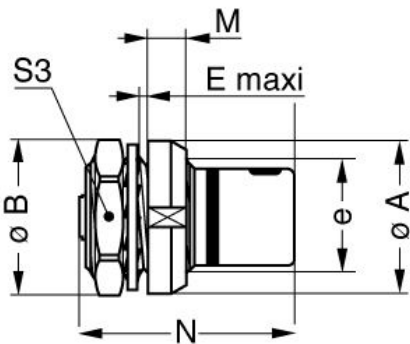
Contact Type: Crimp
Contact Retention: 12 N
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm² (AWG 32)
Max. Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm

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Others

- Endurance (Shell): 1000 mating cycles
- Temp (min / max): -15°C / +200°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: 15/200/21 (Aluminium shell)
- Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

	A	B	E	M	N	S3	e
mm.	10	10.2	1.5	2.5	13.9	9	M7x0.5
in.	0,39	0,40	0,06	0,10	0,55	0,35	

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 28-30-32/4-3-3
- Positionner: [DCE.91.050.0VM](#)

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Extractor: [DCF.91.050.2LT](#)

Replacement contact: EGG.00.654.ZZM

Cables

CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
40080	PVC	Black	
40086	PVC	Blue	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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