

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

Low	18
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3K
Termination type	Female crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.3K.318.CYCK11
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	∅ 0 - 0 mm
Variant	

### Performance

Configuration	3K.318 : 18 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm <sup>2</sup> (AWG 24)

Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
 Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55 °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]  
 Salt Spray Corrosion: >1000 hr  
 Climatological Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	31	34.5	11	36.2	6	33.6	22.5	30	M24x1.0
in.	1,22	1,36	0,43	1,43	0,24	1,32	0,89	1,18	










## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5  
 Positionner: DCE.91.093.BVM  
 Extractor: DCF.91.093.5LT  
 Replacement contact: EGG.3B.660.ZZM

## Cables

CMN.18.T22.080PGCE	PVC	GREY	
CMN.18.T22.080PGZE		Grey	
CMN.18.T22.080PNCE	PVC	Black	
CMN.18.T22.080PNZE			
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218 220	PVC	Black	
218 240	PVC	Black	
218 260	PVC	Black	
236 080	PVC	Grey	
318 200	PVC	Black	
318 250	PVC	Grey	