

SUMMARY



Image is for illustrative purpose only

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	0M
Termination type	Female crimp
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FMP.0M.304.XLC
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 0 - 0 mm
Variant	

Performance

Configuration	0M.304 : 4 Low Voltage
Insulator	
Rated Current	7 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.35
 Test voltage (kV rms) Contact-shell: 0.9

Others

Humidity (max): ≤95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Operating temperature: -55°C / +200°C
 Climatical Category: 15/200/21 (Al. shell)
 Lighting strike IEC 61000-4-2 10K amps - 6 times
 EMI Shielding IEC 61000-4-3 1GHz-80 dB, 3GHz-70 dB, 6GHz- 58dB
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	C	E	G	Lr	Ls	P	S1	S2	S3	e
mm.	17	4.72	18.2	5	16.8	18.3	18.3	5.3	11.5	14	16	M13x0.75
in.	0,67	0,19	0,72	0,20	0,66	0,72	0,72	0,21	0,45	0,55	0,63	





















RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
 Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.070.3MVM
 Extractor: DCF.93.070.4LT
 Replacement contact: EGN.0M.655.ZZM
 Spanner wrench: DCM.65.000.4PA

Cables

CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PGZE		Grey	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
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	
004 041	PVC	Grey	
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	
040 240	PTFE	White	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	