

SUMMARY

Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	3K
Termination type	Male crimp
IP rating	68
Cable Ø	10.60 - 12.00 mm
Matching parts	
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PE*: Fixed receptacle, nut fixing, cable collet (back panel mounting)
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Housing Material	Stainless steel shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 10.6 - 12 mm
Variant	
Weight	140.45 g

Performance

Configuration	3K.316 : 16 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	8 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N

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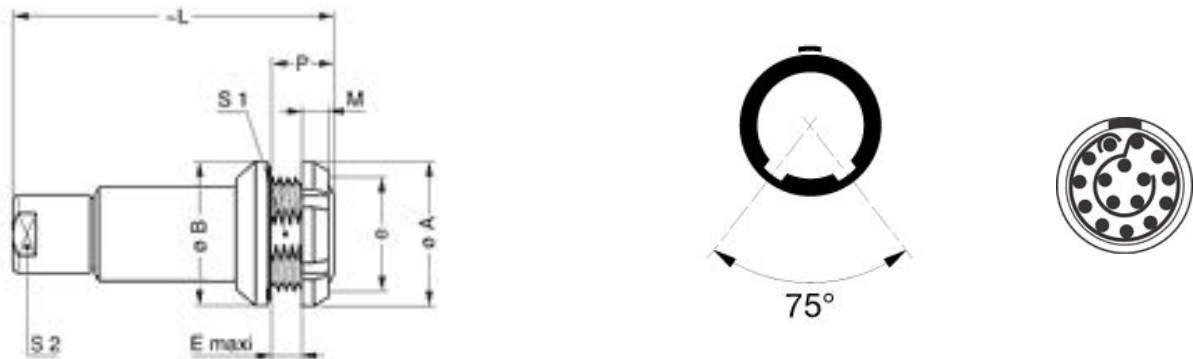
Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 1500 V (AC), 2150 V (DC)
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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
 Climatical 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	P	S1	e
mm.	30	31	7.5	65	4.5	12	22.5	M24x1.0
in.	1,18	1,22	0,30	2,56	0,18	0,47	0,89	

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5


Positionner: DCE.91.093.BVC

Extractor: DCF.91.093.5LT

Replacement contact: FGG.3B.560.ZZC

Spanner wrench: DCD.3E.030.PA150

Cables

416 500	PVC	Grey	
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