

SUMMARY



Image is for illustrative purpose only

Wires

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

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Series	1E
Termination type	Thermocouple
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1E.302.CLKC50
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	18.90 g

Performance

Configuration	1E.302/ThC : 1 Thermocouple Pair
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Max. Matings:	1000
ThC. Materials (P+/N-):	Chromel / Alumel

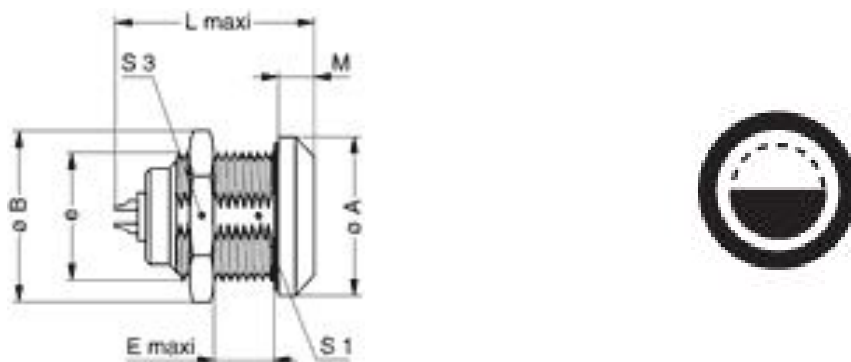
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Others

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	L1	M	S1	S3	e
mm.	20	21.5	9	24	25.3	4.5	14.5	19	M16x1.0
in.	0,79	0,85	0,35	0,94	1,00	0,18	0,57	0,75	

RECOMMENDED BY LEMO

Tools

None

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Cables

120 222			
121 221			
130 222			
131 221			
150 222			
151 221			
160 222			
161 221			

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