

Circular Connectors C 16-3 Female cable connector size 2; straight, No. of contacts 5 + PE, 400 V, 21 A

Part No. C016 20E005 104 2



Series Circular Connectors C 16-3
Subseries Circular Connector C 16-3

View represents all available contact positions.

COMMON CHARACTERISTICS		
No. of contacts		5 + PE
Version		size 2; straight
Cable diameter		14-16
ELECTRICAL CHARACTERISTICS		
Rated voltage	DIN EN 60664-1 / IEC 60664-1	400V
Rated voltage	UL 1977	400V
Rated impulse voltage	DIN EN 60664-1 / IEC 60664-1	6000V
Rated current at 40°C		21 A
Installation category	DIN EN 60664-1 / IEC 60664-1	III
Insulation group	DIN EN 60664-1 / IEC 60664-1	II
Insulation resistance	DIN EN 60512-2, Test 3a / IEC 60512-2, Test 3a	≥ 10 ⁸ Ω
Contact resistance	DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a	≤ 5 mΩ
Current carrying capacity	DIN EN 60512-3, Test 5b / IEC 60512-2 Test 5b	21 A
Pollution degree	DIN EN 60664-1 / IEC 60664-1	3
CLIMATICAL CHARACTERISTICS		
Climatic category	DIN EN 60068-1 / IEC 60068-1	40 / 100 / 56
Operating temperature		-40°C ... +100°C
MECHANICAL CHARACTERISTICS		
IP degree of protection	DIN EN 60529 / IEC 60529	IP 65
Insertion and withdrawal force	DIN EN 60512-13-2, Test 13b / IEC 60512-13-2, Test 13b	≤ 15 N
Mechanical lifetime	DIN EN 60512-9-1, Test 9a	≥ 500 Steckzyklen
Strain relief		Cable retention
MATERIALS		
Contact plating		silver plated / gold plated
Housing		Polyamid 6.6
Gasket		Neoprene
Dielectric material		Polyamid 6.6
FURTHER CHARACTERISTICS		
Termination		screw
Wire gauge		4 mm²
Wire gauge (AWG)		10
Flammability	UL 94	V-0
Locking		Bayonet

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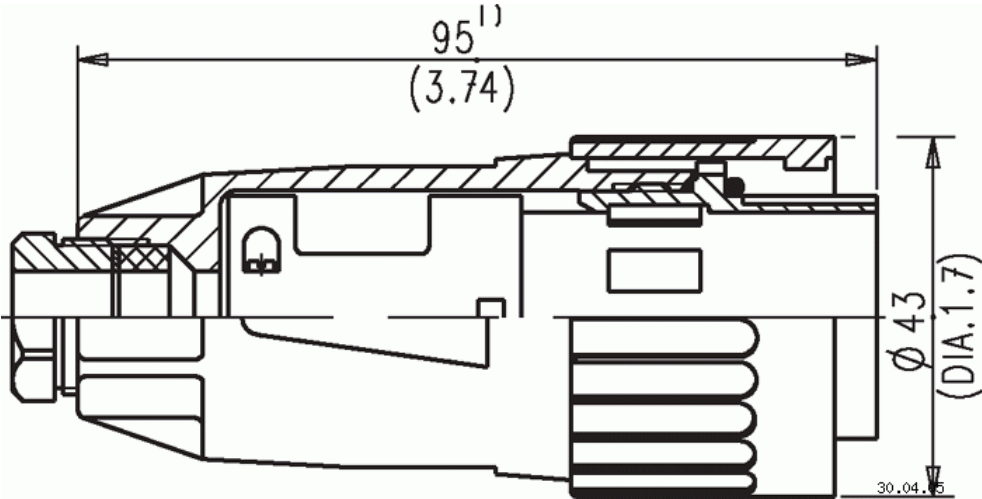
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Drawing Dimensions in mm (Inch)

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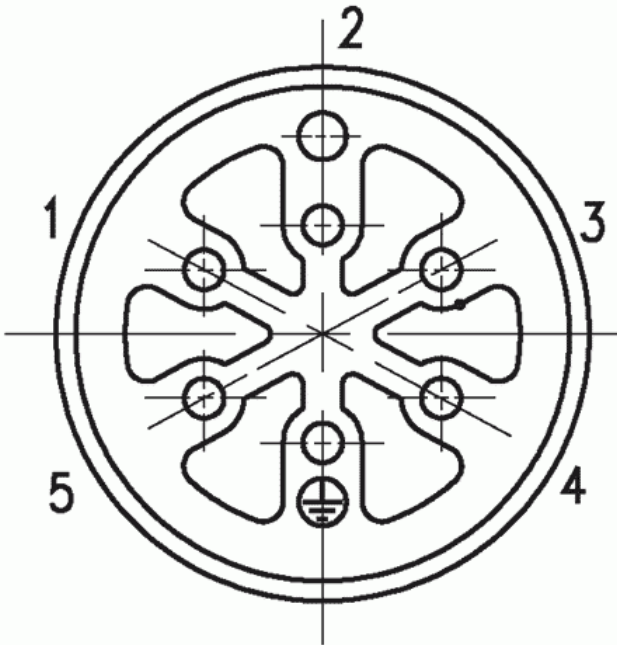
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Contact arrangement

30.04.05