

M12 Cable Assembly, A-Coded, Plug to Free End, MPM12-UMA Series

multicomp PRO



Specifications

General Values

Connector	: M12 Plug
Number of contacts	: 3, 4, 5 or 8
Coding	: A
Temp. Range	: -30°C to +80°C IEC 60664-1
IP Rating	: IP67 IEC 60529
Mounting Torque	: 60 Ncm
Wire Cross Section	: 0.34mm ² / 0.34mm ²
Bending Radius	: 5 × Ø fixed, 10 × Ø repeated

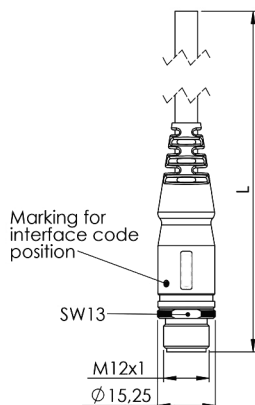
Electrical Values

Rated Voltage	: 250V (3 - 4 contacts)
IEC 61076-2-101	: 60V (5 contacts) 30V (8 contacts)
Rated Current	: 4A (3 - 5 contacts)
IEC 61076-2-101	: 2A (8 contacts)
Volume Resistance	: ≤8mΩ
Mating Cycles	: >100 IEC 60512-9A
Pollution Degree	: 3 IEC 60664-1

Material

Contact Material	: CuZn, Brass alloy, Au-plated
Contact Body Material	: PA
Coupling Nut Material	: CuZn, Brass alloy, Ni-plated
Grip Body Material	: TPU
Cable Jacket Material	: PVC
Wire Insulation Material	: PP

Diagram



3 Contacts



4 Contacts



5 Contacts



8 Contacts

Dimensions : Millimetres

Newark.com/exclusive-brands
Farnell.com/exclusive-brands
Element14.com/exclusive-brands

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Part Number Table

Description	Length (L) m	Part Number
M12 Cable Assembly, Plug to Free End, A-Code, 3 Pins	1	MPM12-UMA-3PVC1
M12 Cable Assembly, Plug to Free End, A-Code, 3 Pins	2	MPM12-UMA-3PVC2
M12 Cable Assembly, Plug to Free End, A-Code, 3 Pins	3	MPM12-UMA-3PVC3
M12 Cable Assembly, Plug to Free End, A-Code, 3 Pins	5	MPM12-UMA-3PVC5
M12 Cable Assembly, Plug to Free End, A-Code, 3 Pins	10	MPM12-UMA-3PVC10
M12 Cable Assembly, Plug to Free End, A-Code, 4 Pins	1	MPM12-UMA-4PVC1
M12 Cable Assembly, Plug to Free End, A-Code, 4 Pins	2	MPM12-UMA-4PVC2
M12 Cable Assembly, Plug to Free End, A-Code, 4 Pins	3	MPM12-UMA-4PVC3
M12 Cable Assembly, Plug to Free End, A-Code, 4 Pins	5	MPM12-UMA-4PVC5
M12 Cable Assembly, Plug to Free End, A-Code, 4 Pins	10	MPM12-UMA-4PVC10
M12 Cable Assembly, Plug to Free End, A-Code, 5 Pins	1	MPM12-UMA-5PVC1
M12 Cable Assembly, Plug to Free End, A-Code, 5 Pins	2	MPM12-UMA-5PVC2
M12 Cable Assembly, Plug to Free End, A-Code, 5 Pins	3	MPM12-UMA-5PVC3
M12 Cable Assembly, Plug to Free End, A-Code, 5 Pins	5	MPM12-UMA-5PVC5
M12 Cable Assembly, Plug to Free End, A-Code, 5 Pins	10	MPM12-UMA-5PVC10
M12 Cable Assembly, Plug to Free End, A-Code, 8 Pins	1	MPM12-UMA-8PVC1
M12 Cable Assembly, Plug to Free End, A-Code, 8 Pins	2	MPM12-UMA-8PVC2
M12 Cable Assembly, Plug to Free End, A-Code, 8 Pins	3	MPM12-UMA-8PVC3
M12 Cable Assembly, Plug to Free End, A-Code, 8 Pins	5	MPM12-UMA-8PVC5
M12 Cable Assembly, Plug to Free End, A-Code, 8 Pins	10	MPM12-UMA-8PVC10

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