M12 EMI/RFI Shielded Cable Assembly, A-Coded, Plug to Free End, MPM12-SMA Series

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Specifications

General Values

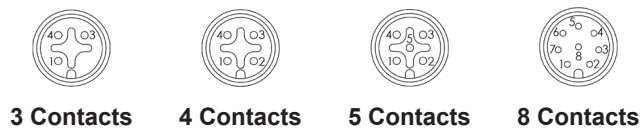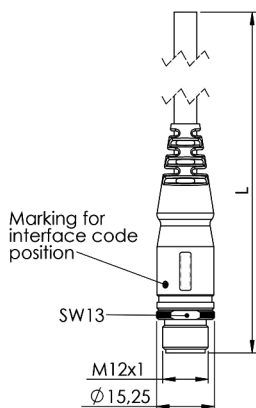|	
Connector	: M12 Plug
Number of Contacts	: 3, 4, 5 or 8
Coding	: A
Temp. Range	: -30°C to +90°C IEC 60664-1
IP Rating	: IP67 IEC 60529
Mounting Torque	: 60 Ncm
Wire Cross Section	: 0.34mm² / 0.25mm²
Bending Radius	: 5 × Ø Fixed, 10 × Ø Repeated

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

Marking for interface code position

SW13

M12x1
Ø15,25

3 Contacts   4 Contacts   5 Contacts   8 Contacts

Dimensions : Millimetres

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Part Number Table

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

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