

# M12 EMI/RFI Shielded Connectors, A-Coded, MPM12-SC24 Series

**multicomp** PRO



## Specifications

### General Values

Connector	: M12 Plug and Receptacle
Termination	: Crimp
Wire gauge	: 0.21 - 0.52mm <sup>2</sup> (3 - 5 ways) 0.21 - 0.33mm <sup>2</sup> (8 ways)
Cable outlet	: 4 - 8 mm
Temp. Range	: -25°C to +85°C IEC 60664-1
IP Rating	: IP67 IEC 60529
Mounting Torque	: 60 Ncm

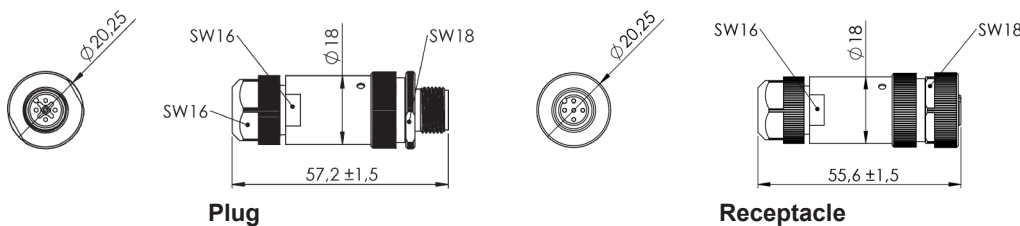
### Electrical Values

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

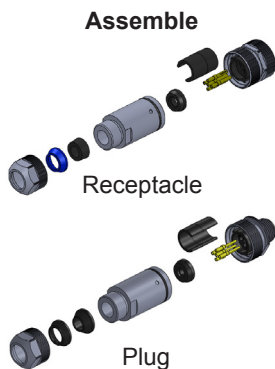
Material of Contact	: CuZn, Brass alloy
Contact Plating	: Au over Ni
Contact Body Material	: PA, Polyamide
Housing Material	: CuZn, Brass alloy
Plating Housing	: Ni-plated, Ni over Cu
Cable Seal	: TPE
O-Ring	: FKM

## Diagram



Dimensions : Millimetres

## Part Number Table



Description	Part Number
M12 Connector, Shielded, Plug, A-Code, 3 Pins	MPM12-SC24-P3AC
M12 Connector, Shielded, Plug, A-Code, 4 Pins	MPM12-SC24-P4AC
M12 Connector, Shielded, Plug, A-Code, 5 Pins	MPM12-SC24-P5AC
M12 Connector, Shielded, Plug, A-Code, 8 Pins	MPM12-SC24-P8AC
M12 Connector, Shielded, Receptacle, A-Code, 3 Sockets	MPM12-SC24-S3AC
M12 Connector, Shielded, Receptacle, A-Code, 4 Sockets	MPM12-SC24-S4AC
M12 Connector, Shielded, Receptacle, A-Code, 5 Sockets	MPM12-SC24-S5AC
M12 Connector, Shielded, Receptacle, A-Code, 8 Sockets	MPM12-SC24-S8AC

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