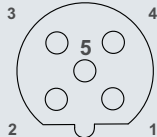
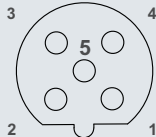


DATA CONNECTORS AND CABLES

Fieldbus Component - M12 Connector

M12 Plug-in Connector, Shielding



Technical Parameters

M12 Circular Connector, Conforming To:	Direct Insertion Spring Connection Iec 61076-2-101	Screw Connection IEC 61076-2-101
Pollution Level	3	3
Protection Grade	IP67	IP67
Connection Method	Spring Connection	Screw Connection
Electrical Parameters		
Rated Voltage	60 V DC	60 V DC
Rated Current	4A	4A
Contact Resistance	≤ 8 mΩ	≤ 3 mΩ
Insulation Resistance	≥100 mΩ	≥100 mΩ
Material Data		
Pin Material	CuSn	CuSn
Pin Surface Material	Ni/Au	Au
Core Material	Tpu	PA 66
Flame Retardant Grade, In Compliance With UI94	V0	HB
Coding	B Coding	B-Reverse
Core Number	5	5
Temperature Parameter		
Needle Type/hole Type	[°c]	[°c]
	-40 ... 85	-40 ... 85

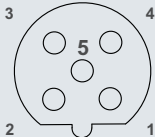
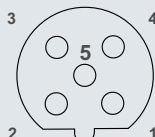
Order Data

		Model	Order Number	Model	Order Number
Connector	Hole Type, Straight Head	SB5S4	2322252154	SB5C6	2322252116
	Needle Type, Straight Head	SB5Q4	2322251154	SB5A6	2322251116
	Hole Type, Elbow	SB5T4	2322252254		
	Needle Type, Elbow	SB5R4	2322251254		

DATA CONNECTORS AND CABLES

Fieldbus Component - M12 Connector

M12 Plug-in Connector, Shielding



Technical Parameters

M12 Circular Connector, Conforming To:	Direct Insertion Spring Connection Iec 61076-2-101	Screw Connection IEC 61076-2-101
Pollution Level	3	3
Protection Grade	IP67	IP67
Connection Method	Spring Connection	Screw Connection
Electrical Parameters		
Rated Voltage	60 V DC	60 V DC
Rated Current	4A	4A
Contact Resistance	≤ 8 mΩ	≤ 3 mΩ
Insulation Resistance	≥100 mΩ	≥100 mΩ
Material Data		
Pin Material	CuSn	CuSn
Pin Surface Material	Ni/Au	Au
Core Material	Tpu	PA 66
Flame Retardant Grade, In Compliance With UI94	V0	HB
Coding	B Coding	B-Reverse
Core Number	2	5
Temperature Parameter		
Needle Type/hole Type	[°c]	[°c]
	-40 ... 85	-40 ... 85

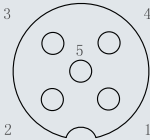
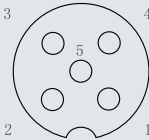
Order Data

		Model	Order Number	Model	Order Number
Connector	Hole Type, Straight Head	SB2S4	2322222114	SB5C6	2322252116
	Needle Type, Straight Head	SB2Q4	2322221114	SB5A6	2322251116
	Hole Type, Elbow	SB2T4	2322222214		
	Needle Type, Elbow	SB2R4	2322221214		

DATA CONNECTORS AND CABLES

Fieldbus Component - M12 Connector

M12 Plug-in Connector, Shielding



Technical Parameters

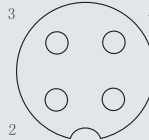
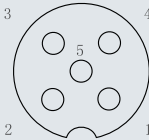
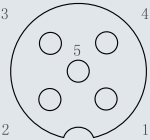
M12 Circular Connector, Conforming To:	PROFIBUS DP IES 61076-2-101	PROFIBUS PA IES 61076-2-101
Pollution Level	3	3
Protection Grade	IP65/IP67	IP65/IP67
Connection Method	Quick And Wire-free Connection	Quick And Wire-free Connection
Electrical Parameters		
Rated Voltage	60 V DC	60 V DC
Rated Current	4A	4A
Contact Resistance	≤ 8 mΩ	≤ 8 mΩ
Insulation Resistance	≥100 mΩ	≥100 mΩ
Material Data		
Pin Material	CuSn	CuSn
Pin Surface Material	Ni/Au	Ni/Au
Core Material	PA	PA
Flame Retardant Grade, In Compliance With UI94	V0	V0
Coding	B Coding	A Coding
Core Number	2	2
Temperature Parameter		
Needle Type/hole Type	-40 ... 85	-40 ... 85

Order Data

		Model	Order Number	Model	Order Number
Connector	Hole Type, Straight Head	SB2G5	2322222125	SA2G5	2322122125
	Needle Type, Straight Head	SB2E5	2322221125	SA2E5	2322121125
	Hole Type, Elbow	SB2H5	2322222225		
	Needle Type, Elbow	SB2F5	2322221225		

DATA CONNECTORS AND CABLES

Network Component -m12 Connector



Direct Insertion Spring Connection IES 61076-2-101 3 IP65/IP67 Spring Connection	Screw Link IES 61076-2-101 3 IP67 Screw Link	Direct Insertion Spring Connection IES 61076-2-101 3 IP65/IP67 Spring Connection
60 V DC 4A ≤ 8 mΩ ≥100 mΩ	60 V DC 4A ≤ 3 mΩ ≥100 mΩ	60 V DC 4A ≤ 8 mΩ ≥100 mΩ
CuSn Ni/Au TPU V0 A Standard 5	CuSn Au PA 66 HB A Standard 5	CuSn Ni/Au PA66 V0 A Standard 4
-40 ... 85	-40 ... 85	-40 ... 85

Model	Order Number	Model	Order Number	Model	Order Number
SA5S4	2322152154	SA5C6	2322152116	SA4S4	2322142154
SA5Q4	2322151154	SA5A6	2322151116	SA4A4	2322141154
SA5T4	2322152254				
SA5R4	2322151254				