

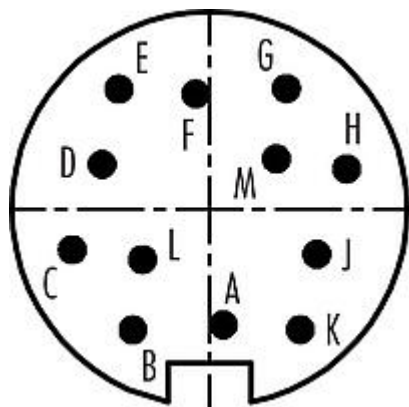
Product data sheet

Miniature connectors



Product description	M16 IP67 Male panel mount connector, Contacts: 12, unshielded, THT, IP67, AISG compliant, front mounting, short solder contacts
Area	M16 IP67 series 723
Part no.	09 0131 62 12

Contact arrangement (Plug-in side)



Technical data

General features

Part no.	09 0131 62 12
Connector design	Male panel mount connector
Connector locking system	screw
Termination	THT
Degree of protection	IP67
Temperature range from/to	-40 °C / 95 °C
Tightening torque screw nut	0.5-1 Nm
Mechanical operation	> 500 Mating cycles
Additional information	short solder contacts
Weight (g)	15.78
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current (40 °C)	5,0 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

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Material

Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	e57208ba-d453-4960-80c7-703360e56494

Authorization/approvals

Approvals	AISG compliant
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Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.