

Product data sheet

Miniature connectors



Product description	M16 IP67 female panel mount connector, Contacts: 12, unshielded, dip-solder, IP67, front mounting
Area	M16 IP67 series 723
Part no.	09 0132 65 12

Version	connector female straight
Connector locking system	screw
Termination	dip-solder
Degree of protection	IP67
Temperature range from/to	-40 °C / 95 °C
Tightening torque	0,5 - 1 Nm (screw nut)
Mechanical operation	> 500 Mating cycles
Weight (g)	10.76
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current (40 °C)	3 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PBT (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	365c639e-cd7a-4848-ab2f-d25babae99ef

Classifications

eCl@ss 11.1	27-44-01-09
ETIM 7.0	EC003569

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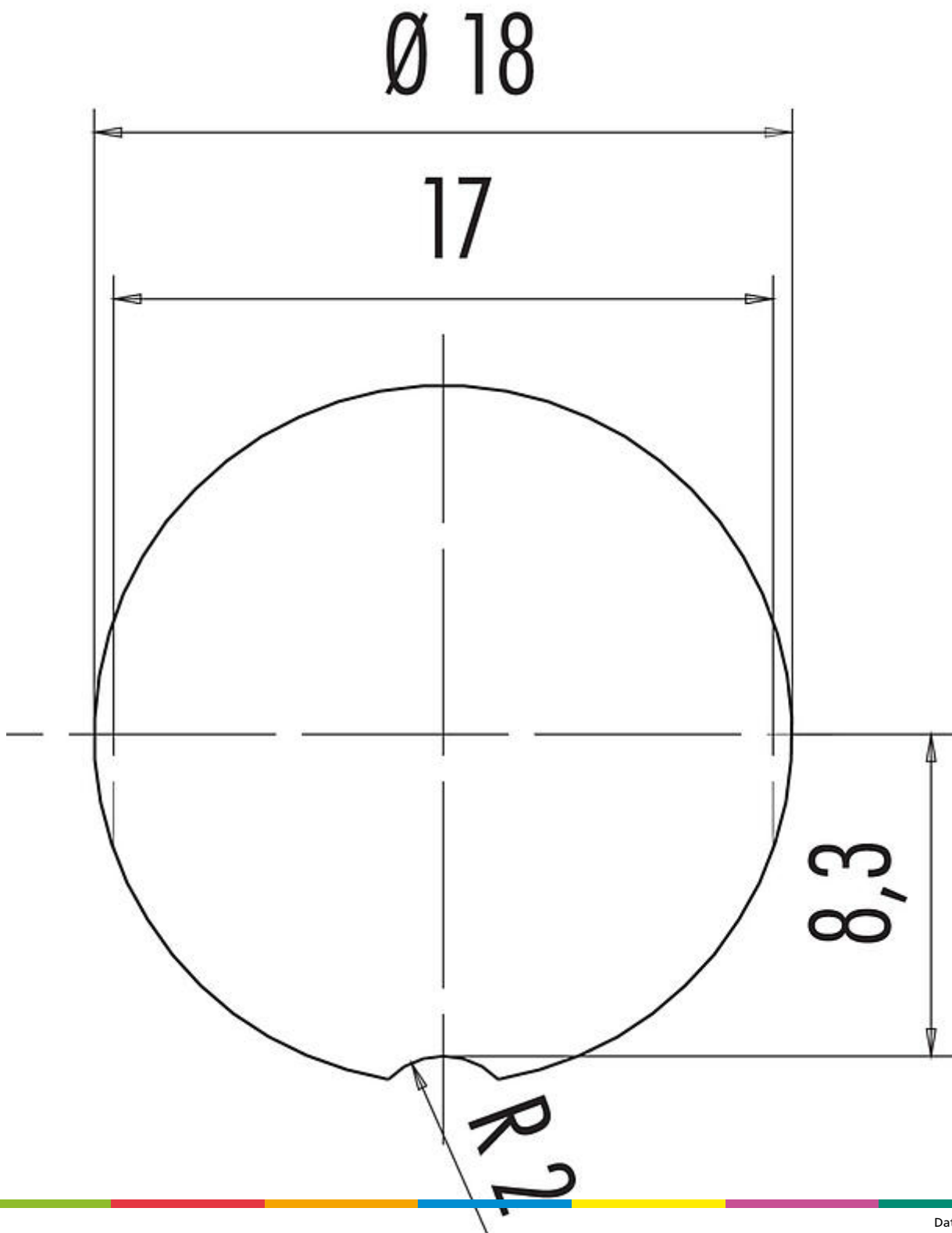


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Assembly instructions / Panel cut-out



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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 IP 67 and IP 68 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.