



Product description		
Standard	IEC 61076-2-101; INDUSTRIAL (9,4mm)	IEC 61076-2-101; INDUSTRIAL (9,4mm)
Construction type	C	C
Description	M12 male and P9,4 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour	transparent	transparent
Number of contacts	2 + PE / PE bridged	2 + PE / PE bridged
Cable type	PUR/PVC	PUR/PVC
Conductors specification	0,50 mm ²	0,50 mm ²
Cable length	1 m	1 m
Order no.	JD634T54DP11100	JD634T54KP11100
Other standard options	cable length 2m, order no. JD634T54DP11200	order no. JD634T54KP11200
Cable jacket colour	black	black
Cable diameter +/-5%	5,5 mm	5,5 mm
Cable temperature range	static application flexible application	-40°C to + 80°C -25°C to + 80°C
Drawing		
Technical data		
Pin dimension	(M12); (valve connector)	1 mm; 3,6 x 0,5mm / 2,8 x 0,5mm
Rated voltage		24 V AC/DC
Rated current		4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W
LED colour		yellow
Contact resistance		≤ 10 mΩ
Overvoltage category		III
Mounting	(M12); (valve connector)	lock nut M12 x 1; central screw M3 x 23mm
Fixing screw torque	(M12); (valve connector)	0,5 - 0,8 N/m; 0,3 - 0,5 N/m
Material		
Contact material	(M12); (valve connector)	CuSn gold plated; CuSn silver plated
Contact holder material	(M12); (valve connector)	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1
Environmental conditions		
Protection class (IEC60529)		IP 67 when correctly assembled
Pollution severity		3
Inflammability class		
Contact holder	(M12); (valve connector)	UL; V0
Moulded housing		HB
Packaging		
Minimum quantity		100 pieces
Number of boxes suitable:	1 box	JD634T54DP11100
	2 boxes	JD634T54KP11200
Approximate weight per box		10...15 Kg
Box dimension		39 x 39 x 19,5 cm
Notes		
Technical specifications on cables and accessories see pages 179-183		



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Since 1992 Atam Group produces components for the automatic regulation and, more in general, for the wide market of industrial automation and engineering oil hydraulic. The group was born with the common intention to diversify strategies and researches with the purpose of completely satisfy the customer. The continuous technological evolution, oriented to anticipate the market demands and the competition, allows Atam Group to be an active and trusted partner in order to grant the maximum performances of each product.



Operators for solenoid valves



1



Encapsulated coils
Electromagnets
Electrical windings



Connecting devices for actuators and sensors
Proximity switches



2



Operators



Active-passive M8-M12 distribution boxes

Reference rules:

- IEC 60335-1 Household and similar electrical appliances - Safety
- IEC 60730-1 Automatic electrical controls for household and similar use
- IEC 60204-1 Safety of machinery. Electrical equipment of machines
- 2006/95/EC Low voltage Directive

The drawings and the technical data reported on the data sheets have been checked and are believed to be correct. However no liability is accepted therefore.

We always recommend to contact our technical department for the most significant values. The company reserves the right to modify what is reported on specifications and drawings without notice due to technical or commercial reasons.

All technical data contained in this catalogue considers that our connectors are being used as connecting devices which in normal use (when under load) should not be inserted or withdrawn from any mating device. With reference to CE marking, it should be noted that electronic components such as connectors are not subject to any form of marking and therefore must not be marked with a CE mark. This is confirmed within the conditions of the European Commission for Low Voltage and EMC guidelines. Our connectors are developed and designed for the use in the field of equipment, control and electrical appliances. They can also be used in other applications under the responsibility of the user. Any connecting wires should be stripped only so far that distances to conductive parts are not shortened. When wires are crimped or soldered care should be taken to ensure that no single strands are exposed in order to prevent a short circuit.