

Product description	M9 IP67 male angled connector, Contacts: 7, shielded, moulded on cable, IP67, PUR black, 7 x 0.14 mm²
Area	M9 IP67 series 702
Order number	79 1421 72 07

Illustration	Scale drawing	Contact arrangement														
		<table border="0" style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>weiß/white</td></tr> <tr><td>2</td><td>braun/brown</td></tr> <tr><td>3</td><td>grün/green</td></tr> <tr><td>4</td><td>gelb/yellow</td></tr> <tr><td>5</td><td>grau/grey</td></tr> <tr><td>6</td><td>rosa/pink</td></tr> <tr><td>7</td><td>blau/blue</td></tr> </table>	1	weiß/white	2	braun/brown	3	grün/green	4	gelb/yellow	5	grau/grey	6	rosa/pink	7	blau/blue
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Technical data			
General values			
Connector design	male angled connector	Rated current (40 °C)	1 A
Connector locking system	screw	Rated voltage	125 V
Termination	moulded on cable	Rated impulse voltage	1500 V
Wire gauge (mm)	0.14 mm ²	Pollution degree	1
Wire gauge (AWG)	26	Overvoltage category	II
Upper limit temperature	70 °C	Insulating material group	III
Lower limit temperature	- 25 °C	Insulation resistance	≥ 10 ¹⁰ Ω
Customs tariff number	85444290	EMC compliance	shielded
Packaging Unit	60	Degree of protection	IP67
		Mechanical operation	> 500 Mating cycles
Cable data			
Cable length	2 m	Material	
Sheath material	PUR	Contact material	CuZn (brass)
Single-lead insulation	PVC	Contact plating	Au (gold)
Single-lead structure	18 x 0,10 mm mm	Contact body material	PBT (UL94 V-0)
Cable diameter	5.3 mm	Housing material	PUR
Conductor resistance	75Ω/Km		
Temperature range, moving cable, °C from	- 5 °C		
Temperature range, moving cable, °C to	70 °C		
Temperature range, fixed cable, °C from	-25 °C		
Temperature range, fixed cable, °C to	70 °C		
Bending radius, fixed cable	≥ 53 mm		
Bending radius, moving cable	≥ 80 mm		

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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).