

Product description	Snap-In IP40 female cable connector, Contacts: 5, unshielded, moulded on cable, IP40, PVC black, 5 x 0.25 mm <sup>2</sup>
Area	Snap-In IP40 series 709
Order number	79 9006 12 05

Illustration	Scale drawing	Contact arrangement (Plug-in side)										
		<table style="margin-left: auto; margin-right: 0;"> <tr><td>1</td><td><i>brown</i></td></tr> <tr><td>2</td><td><i>white</i></td></tr> <tr><td>3</td><td><i>blue</i></td></tr> <tr><td>4</td><td><i>black</i></td></tr> <tr><td>5</td><td><i>grey</i></td></tr> </table>	1	<i>brown</i>	2	<i>white</i>	3	<i>blue</i>	4	<i>black</i>	5	<i>grey</i>
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5	<i>grey</i>											

## Technical data

### General values

Connector design	female cable connector
Connector locking system	snap
Termination	moulded on cable
Wire gauge (mm)	0.25 mm <sup>2</sup>
Wire gauge (AWG)	AWG 24
Upper limit temperature	70 °C
Lower limit temperature	-25 °C
Customs tariff number	85444290

### Cable data

Cable length	2 m
Sheath material	PVC
Single-lead insulation	PVC
Halogen free	No
Single-lead structure	14x0.15 mm
Cable diameter	5.0 mm
Cable color	black
Conductor resistance	79.9
Temperature range, moving cable, °C from -50 °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	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø

### Electrical values

Rated current (40 °C)	3 A
Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	1
Overvoltage category	II
Insulating material group	III
Insulation resistance	≥ 10 <sup>10</sup> Ω
EMC compliance	unshielded
Degree of protection	IP40
Mechanical operation	> 100 Mating cycles

### Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	PUR
REACH SVHC	CAS 7439-92-1 (Lead)

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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.