

Product Male cable connector moulded-on cable
Area Snap-in connectors IP 40

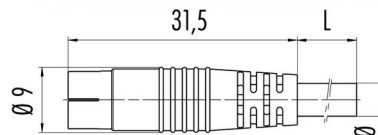
serie 709

Pole 3
Article number 79 9001 12 03

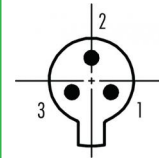
illustration



scale drawing



Contact Arrangement



- 1 braun/brown
- 2 blau/blue
- 3 schwarz/black

Technical data

Common values

Connector Design	Male cable connector
Connector locking system	Snap-in locking
Termination	moulded on cable
Wire gauge (mm)	0,25 mm ²
Wire gauge (AWG)	24
Cable outlet	-
Upper temperature	+70 °C
Lower temperature	-20 °C

Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	I
Overvoltage category	II
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>100 mating cycles

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	PUR

Cable data

material housing	PVC
insulation single lead	PVC
single lead structure	32 x 0,10 mm
cable sheath Ø	4.5
conductor resistance	80Ω/Km (20°C)
temperature range cable movable c from	-5
temperature range cable movable c to	70
temperature range cable fixed c from	-25
temperature range cable fixed c to	70
bending radius cable fixed	22 mm
bending radius cable movable	45 mm
cable diameter	4.5



Contacts 3, Male cable connector moulded-on cable, Cable length 2 m