

# Product data sheet

## Subminiature connectors



Product description	Snap-In IP40 Female angled connector, Contacts: 3, unshielded, moulded on cable, IP40, PVC black, 3 x 0.25 mm <sup>2</sup> , 2 m
Area Part no.	Snap-In IP40 series 709 79 9002 72 03

### Technical data

#### General features

Part no.	79 9002 72 03
Connector design	Female angled connector
Cable length	2 m
Connector locking system	snap-in
Termination	moulded on cable
Degree of protection	IP40
Cross-sectional area	0.25 mm <sup>2</sup> / AWG 24
Temperature range from/to	-25 °C / 70 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	63.00
Customs tariff number	85444290

#### Electrical parameters

Rated voltage	60 V
Rated impulse voltage	800 V
Rated current (40 °C)	3,0 A
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	unshielded

#### Material

Contact body material	PA
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	SCIP-number not available

#### Classifications

eCl@ss 11.1	27-06-03-11
ETIM 7.0	EC001855

#### Cable data - Structure of the cable

Cable diameter	4.5 mm
Cross section	3 x 0.25 mm <sup>2</sup>
Sheath material	PVC
Single-lead insulation	PVC

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Single-lead structure	32 x 0.10 mm
Cable color	black

### Cable data - Electrical properties

Conductor resistance	79.5 Ω/Km (20°C)
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### Cable data - Mechanical properties

Bending radius, fixed cable	5 x Ø
Bending radius, moving cable	10 x Ø

### Cable data - Thermal properties

Temperature range cable in move from/to	-5 °C / 70 °C
Temperature range cable fixed from/to	-25 °C / 70 °C

### Cable data - Other features

Halogen free	no
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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.