

# Product data sheet

## Miniature connectors

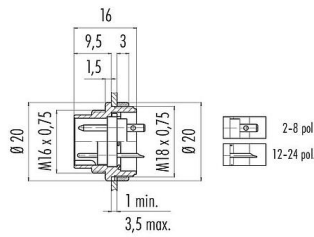


Product description	<b>M16 Male panel mount connector, Contacts: 24, unshielded, solder, IP40</b>
Area	<b>M16 IP40</b>
Part no.	<b>09 0197 00 24</b>

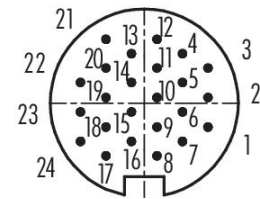
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

## Technical data

### General features

Part no.	<b>09 0197 00 24</b>
Connector design	Male panel mount connector
Version	Connector pin straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Cross-sectional area	0.14 mm <sup>2</sup> / AWG 26
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	11.22
Customs tariff number	85369010
Country of Origin	DE

### Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current	1.0 A
Insulation resistance	≥ 10 <sup>10</sup> Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

### Material

Housing material	Zinc die-cast nickel-plated
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Part no. **09 0197 00 24**

Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	058a60f0-0308-4bc0-9046-31e1d9ab6b46

### Classifications

eCl@ss 11.1	27-44-01-09
ETIM 9.0	EC003569

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**Assembly instructions / Panel cut-out**

