

Product data sheet

Miniature connectors

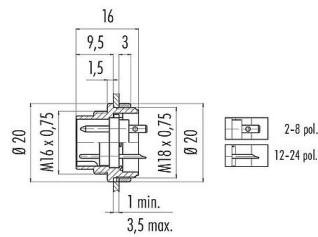


Product description	M16 Male panel mount connector, Contacts: 5 (05-b), unshielded, solder, IP40
Area	M16 IP40
Part no.	09 0319 00 05

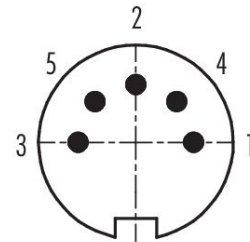
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 0319 00 05
Connector design	Male panel mount connector
Type standard	DIN EN 61076-2-106
Version	Connector pin straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Cross-sectional area	0.75 mm ² / AWG 18
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	10.98
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current	6.0 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

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Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	d5392f5d-776f-46d4-9d25-b914e0905ac3

Classifications

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

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Assembly instructions / Panel cut-out

