

Bus system connector - SACC-M12MSD-4CT SH PN - 1411046


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Bus system connector, PROFINET CAT5, 4-position, shielded, Plug straight M12, D-coded, Crimp connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 5 mm ... 8 mm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 920216
GTIN	4046356920216

Technical data

Dimensions

Diameter housing	20.2 mm
Length	73 mm
External cable diameter	5 mm ... 8 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Note	Order crimp contacts separately
	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	4 A
Rated voltage	60 V DC
	48 V AC
Number of positions	4
Insulation resistance	≥ 10 GΩ
Coding	D - data

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Technical data

General

Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	PROFINET CAT5 (on the basis of IEC 11801)
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Crimp connection
Conductor cross section	0.34 mm ² ... 0.5 mm ²
Conductor cross section AWG	22 ... 20
Insertion/withdrawal cycles	≥ 100
Torque	0.6 Nm (M12 knurl)
	1 Nm (Connector with coupling sleeve)
	1 Nm (Pressure nut with coupling sleeve)

Material

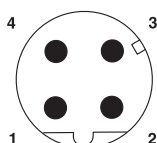
Flammability rating according to UL 94	HB
Contact carrier material	PA
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FPM (O-ring)
	NBR (Cable clamping)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

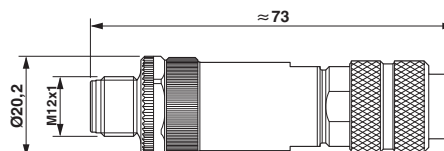
Drawings

Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

Dimensional drawing



Plug, M12 x 1, straight, shielded

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