

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

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Bus system connector, PROFINET, 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
Weight per Piece (excluding packing)	40.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External diameter	5 mm ... 8 mm
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Ambient conditions

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

General

Note	Order crimp contacts separately
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	4
Insulation resistance	≥ 10 GΩ
Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	PROFINET
Status display	No
Overvoltage category	II

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Technical data

General

Pollution degree	3
Connection method	Crimp connection
Conductor cross section	0.34 mm ² ... 0.5 mm ²
AWG conductor cross section	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)

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 8.0	27440102

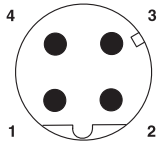
ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002635

Drawings

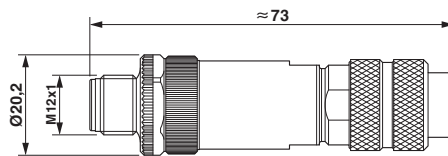
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Schematic diagram



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

Dimensional drawing



Plug, M12 x 1, straight, shielded