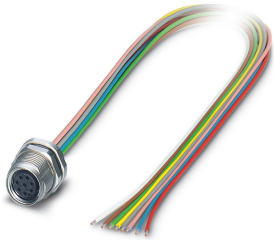


Device connector, rear mounting - SACC-DSI-M8FS-8CON-M10/0,5 - 1424229


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Device connector, rear mounting, 8-position, Socket, straight, M8, Rear mounting, M10, Individual wires, cable length: 0.5 m, 0.14 mm², PVC litz wire



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 712408
GTIN	4046356712408
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

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

General

Rated current at 40°C	1.5 A
Rated voltage	30 V

Device connector, rear mounting - SACC-DSI-M8FS-8CON-M10/0,5 - 1424229

Technical data

General

Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Rear mounting M10
Thread type	M10

Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA 6.6
Material, knurls	Zinc die-cast, nickel-plated

Cable

Cable type	PVC litz wire
Conductor cross section	0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1.3 mm ±0.1 mm
Thickness, insulation	0.38 mm
Wire colors	white, brown, green, yellow, gray, pink, blue, red
Material conductor insulation	PVC / UL
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M8 connector IEC 61076-2-104
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C

Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-104
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Device connector, rear mounting - SACC-DSI-M8FS-8CON-M10/0,5 - 1424229

Technical data

Standards and Regulations

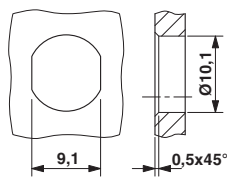
Flammability rating according to UL 94	HB
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Environmental Product Compliance

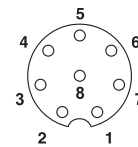
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment of M8 socket, 8-pos., view of socket side

Mounting panel with feed-through hole

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002635
ETIM 6.0	EC002061

Device connector, rear mounting - SACC-DSI-M8FS-8CON-M10/0,5 - 1424229

Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN	30 V		
Nominal current IN	1.5 A		
mm ² /AWG/kcmil	26		


cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN	30 V		
Nominal current IN	1.5 A		

Device connector, rear mounting - SACC-DSI-M8FS-8CON-M10/0,5 - 1424229

Approvals

mm ² /AWG/kcmil	26
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EAC		B.01687
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cULus Recognized	
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