

Device connector, rear mounting - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Device connector, rear mounting, 3-position, Socket, straight, M8, Rear mounting, M10, Individual wires, cable length: 0.5 m, 0.25 mm², PVC litz wire

Your advantages

- ✓ Pre-assembled with litz wires for immediate use
- ✓ Customer-specific assemblies and litz wire lengths available
- ✓ Sealed on the litz wire side for optimum leak-tightness
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 605908
GTIN	4046356605908

Technical data

Dimensions

Length of cable	0.5 m
-----------------	-------

Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Rated surge voltage	1.5 kV

Device connector, rear mounting - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

Technical data

General

Number of positions	3
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
Insertion/withdrawal cycles	> 100
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)
Mounting type	Rear mounting M10 With flat nut
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
Sealing material	FKM
Additional material specifications	PU 2K (Grout material)

Cable

Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	7x 0.20 mm
Core diameter including insulation	1.5 mm ±0.1 mm
Thickness, insulation	0.21 mm
Wire colors	brown, blue, black
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	450 V
Test voltage, cable	2500 V (Test duration: 1 minute)
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
--------------------------	------------------------------

Device connector, rear mounting - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

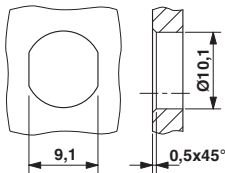
Technical data

Environmental Product Compliance

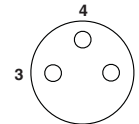
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Drawings

Dimensional drawing



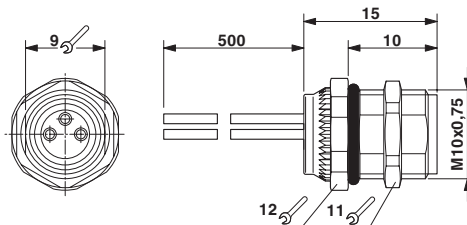
Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

Mounting panel with feed-through hole

Dimensional drawing



M8 flush-type socket

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

Device connector, rear mounting - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

Classifications

ETIM

ETIM 4.0	EC002061
ETIM 6.0	EC002061
ETIM 7.0	EC002635

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	39121400

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / 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	4 A		
mm ² /AWG/kcmil	24		

Device connector, rear mounting - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

Approvals

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		4 A	
mm ² /AWG/kcmil		24	

cULus Recognized	
------------------	--

Phoenix Contact 2022 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)