

Flush-type connector - SACC-DSI-MINMS-3CON-UNF/1,0 - 1453753


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Sensor/actuator flush-type plug, 3-pos., 7/8", rear mounting with 7/8" fastening thread, with 1.0 m PE litz wire, 3 x 0.75 mm²



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 557856
Weight per Piece (excluding packing)	88.2 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug)
Degree of protection	IP67

General

Rated current at 40°C	12 A
Rated voltage	250 V
Number of positions	3
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires
Mounting type	Rear mounting 7/8"

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Technical data

Material

Inflammability class according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR
Material, knurls	Zinc die-cast, nickel-plated

Cable

Cable type	PVC litz wire
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Core diameter including insulation	2.7 mm
Thickness, insulation	0.85 mm (Core insulation)
Wire colors	green/yellow, brown, blue
Material conductor insulation	PVC
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	10 A
Nominal voltage U _N	600 V

cUL Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	10 A
Nominal voltage U _N	600 V

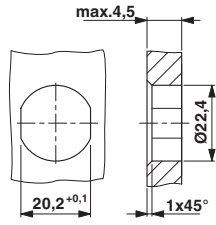
EAC

cULus Recognized	
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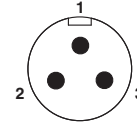
Drawings

Flush-type connector - SACC-DSI-MINMS-3CON-UNF/1,0 - 1453753

Dimensioned drawing



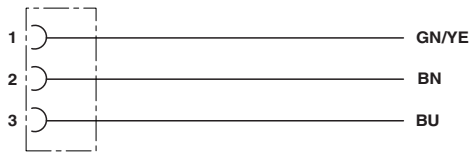
Schematic diagram



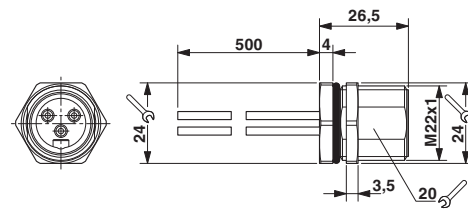
Connector pin assignment

Housing cutout

Circuit diagram



Dimensioned drawing



7/8" flush-type plug