

## 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 mm<sup>2</sup>



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	100.0 GRM
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 <sup>2</sup>
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	27449001

#### 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

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	20
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	20
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	600 V

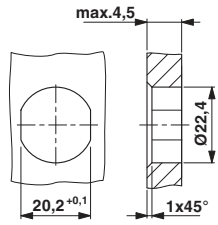
GOST	
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cULus Recognized	
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## Drawings

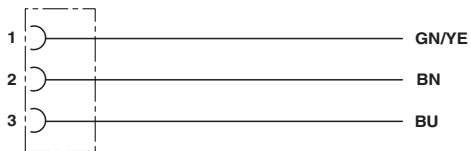
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Dimensioned drawing

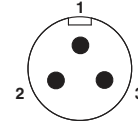


Housing cutout

Circuit diagram

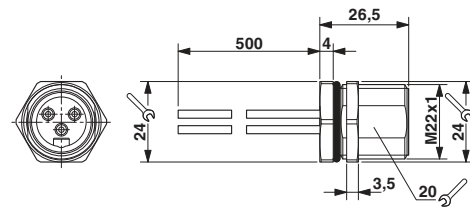


Schematic diagram



Connector pin assignment

Dimensioned drawing



7/8" flush-type plug