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Panel feed-through - SACC-4P-DSI-M12FSD/FSD-M16 - 1424326

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Panel feed-through, 4-position, SocketLink:straightLink:M12, D - data, on Socket straight M12, D - data, Bipolar mounting, M16 x 1.5

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 730525

Technical data

Ambient conditions

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

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Bipolar mounting M16 x 1.5

Material

Flammability rating according to UL 94	HB
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Technical data

Material

Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Nickel-plated brass
Sealing material	FKM

Cable

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27449203

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
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

Approvals

Panel feed-through - SACC-4P-DSI-M12FSD/FSD-M16 - 1424326

Approvals

Approvals

EAC

Ex Approvals

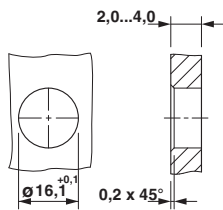
Approvals submitted

Approval details

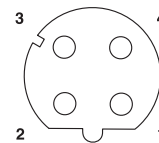
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Drawings

Dimensional drawing



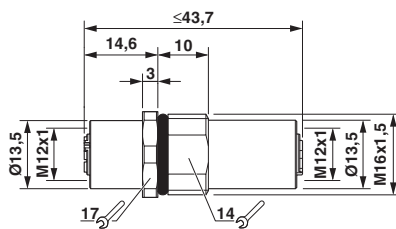
Schematic diagram



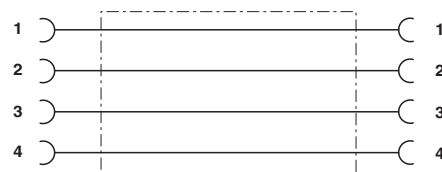
Pin assignment M12 socket, 4-pos., D-coded, female side

Panel cutout

Dimensional drawing



Circuit diagram



Control cabinet feed-through, M12 connection on both sides

Contact assignment of the M12 plug and the M12 socket

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