

## Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

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Sensor/actuator control cabinet feed-through, male to female, 8-pos., M12, shielded, bipolar/screw mounting with M16 thread



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 156202
GTIN	4046356156202
Weight per Piece (excluding packing)	31.000 g
Custom tariff number	85366990
Country of origin	Czech Republic

### 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	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101

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### Technical data

#### General

Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
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
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Nickel-plated brass
Sealing material	FKM

#### Cable

Standards/specifications	M12 connector IEC 61076-2-101
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

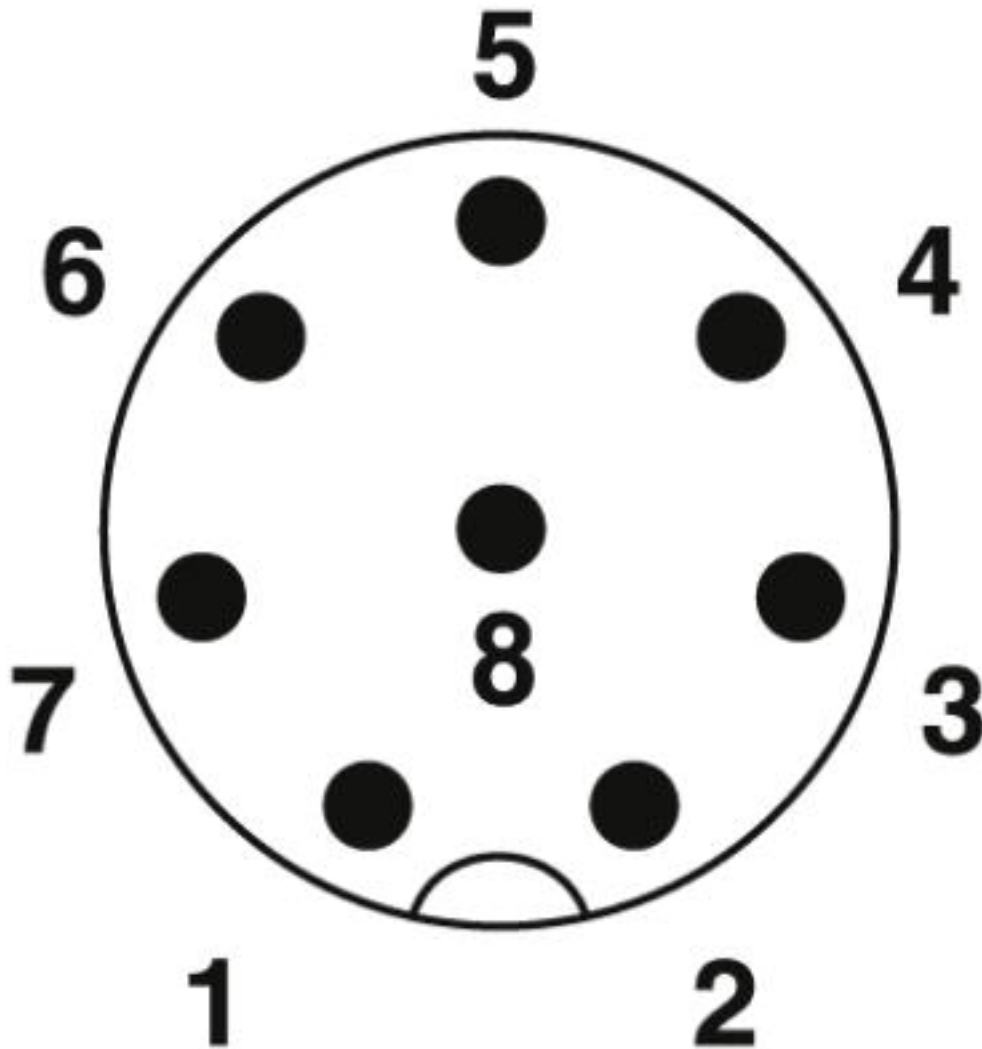
#### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

# Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

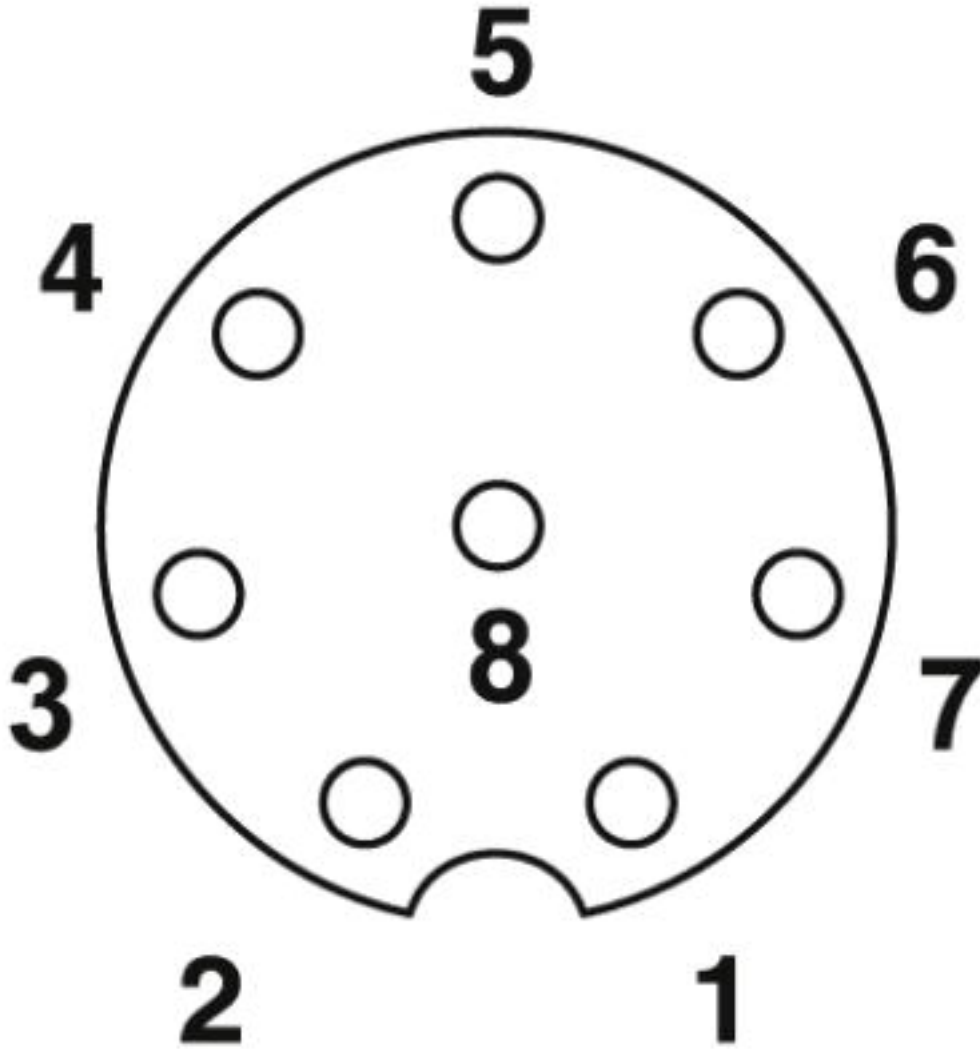
Schematic diagram



Pin assignment M12 plug, 8-pos., view plug side

# Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

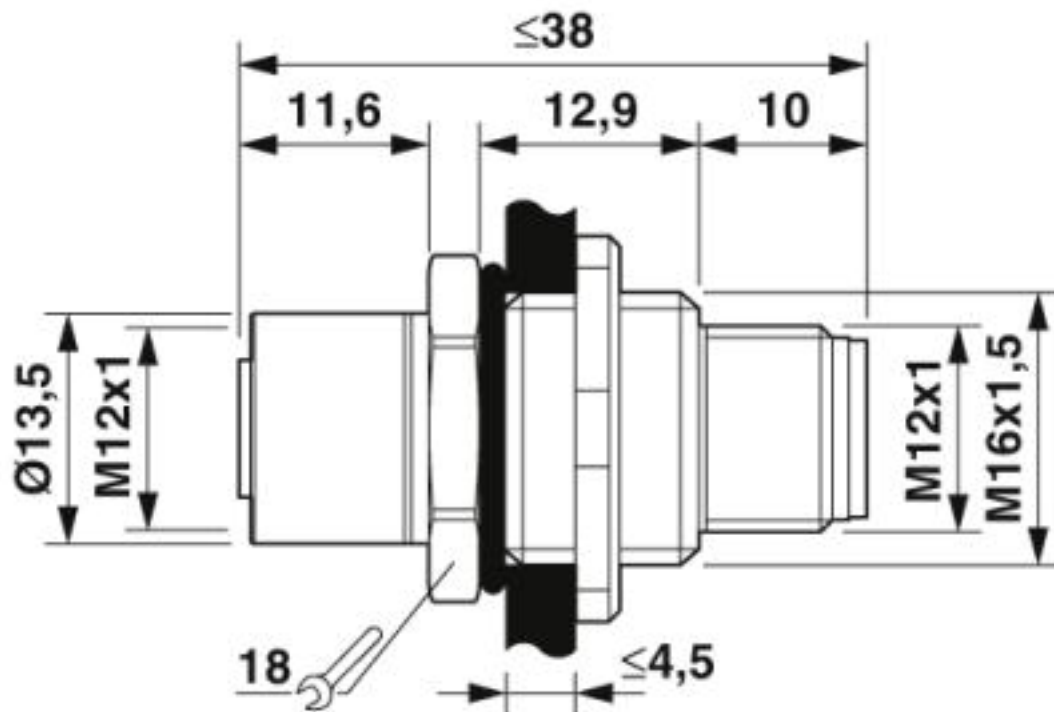
Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

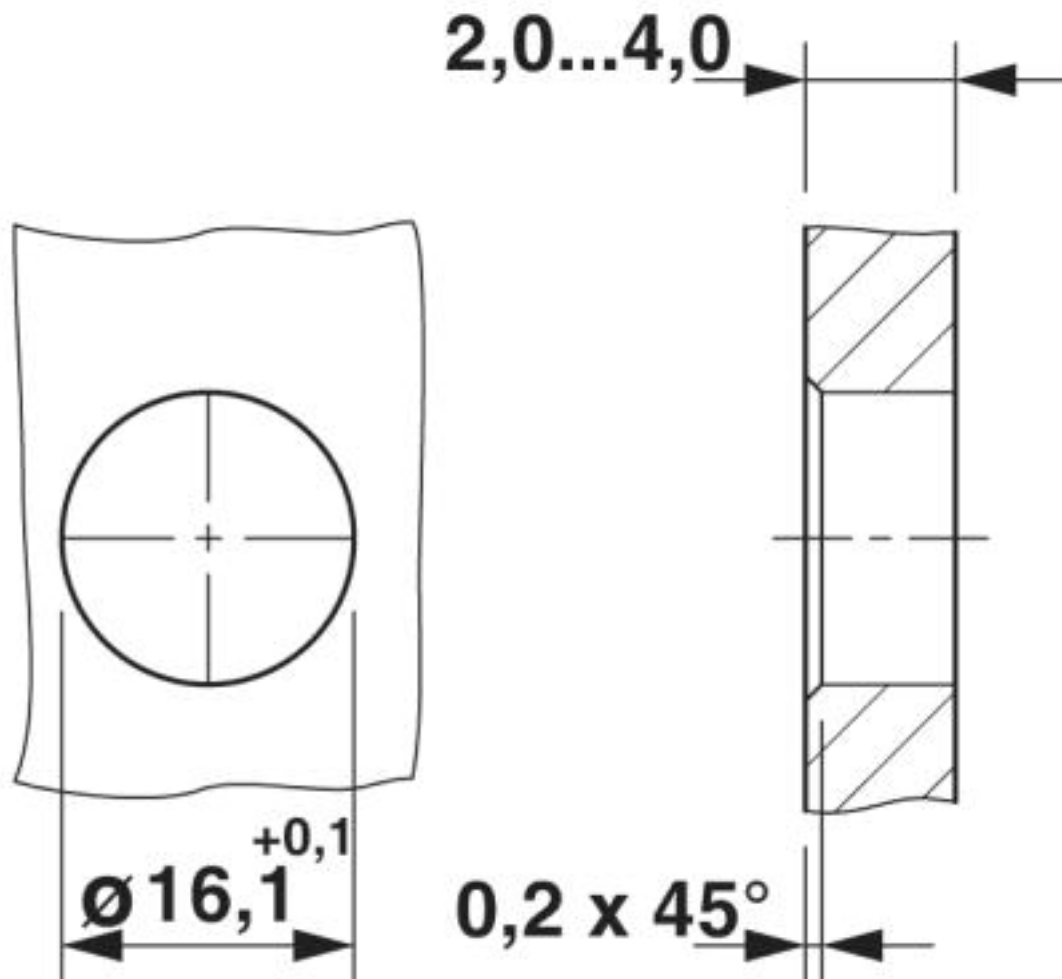
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Dimensional drawing



## Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

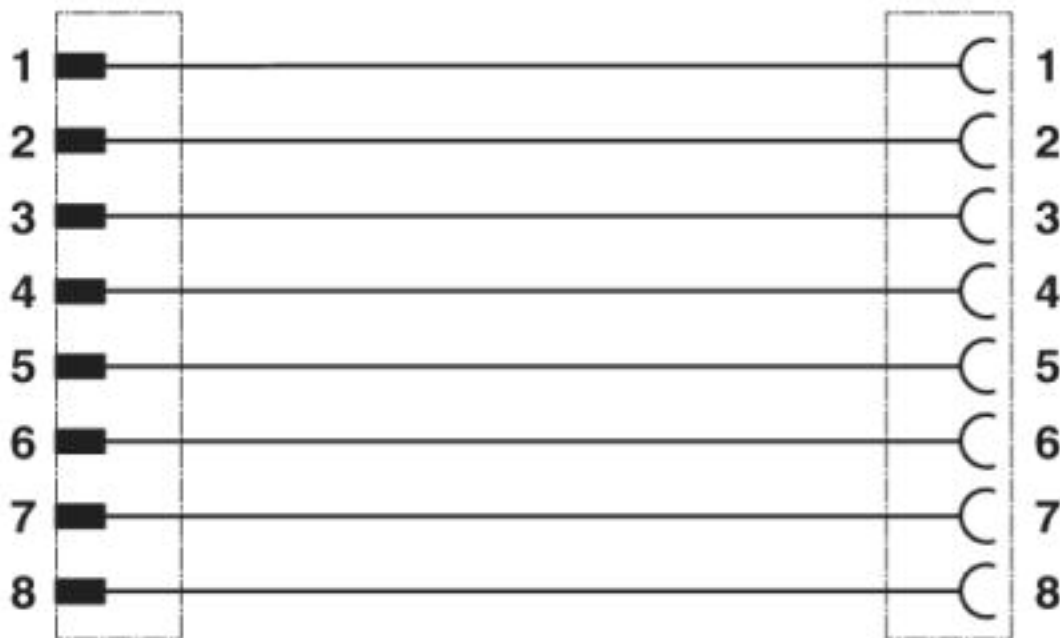
Dimensional drawing



Mounting cutout

# Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

## Classifications

### eCl@ss

eCl@ss 10.0.1	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 8.0	27440103
eCl@ss 9.0	27440102

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061
ETIM 6.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501

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### Classifications

#### UNSPSC

UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

### Approvals

#### Approvals

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#### Approvals


#### EAC

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#### Ex Approvals

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### Approval details

EAC		B.01742
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