

03

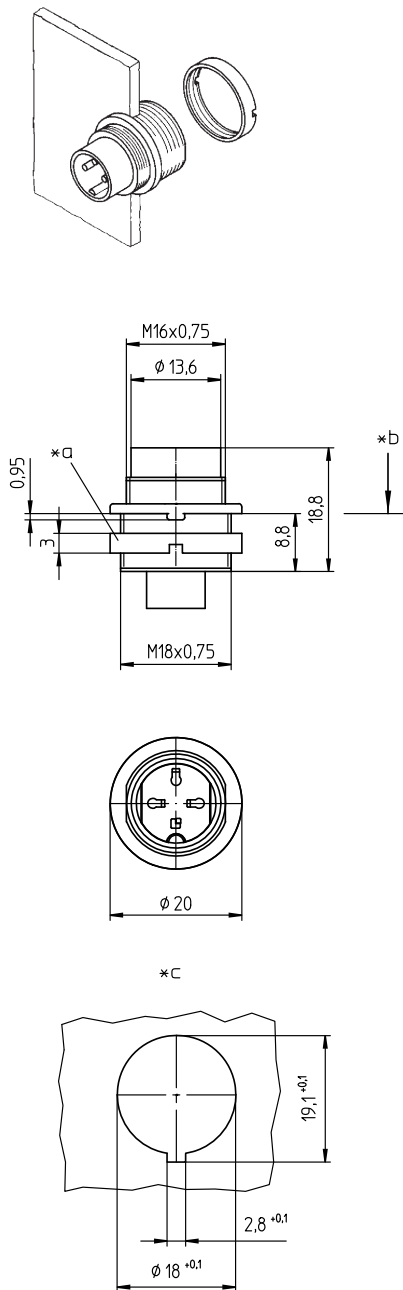
SFV ... C

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP68



Chassis plug acc. to IEC 61076-2-106, IP40, with threaded joint, empty housing for reception of crimp contacts, for front mounting

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Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body PA GF, V-0 according to UL94
Housing Zn diecast, pre-copper and nickel-plated

Ring screw CuZn, nickel-plated

Mechanical data

Tightening torque connector 1-3 Nm

Tightening torque nut 1-3 Nm

Protection class IP40¹

¹ according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

Electrical data (at T_{amb} 20 °C)

Rated current 5 A

Rated voltage with pollution degree 1:
300 V (versions 30, 40, 50/6, 60, 70)
100 V (versions 50, 71, 81)
with pollution degree 2:
250 V (versions 30, 40)
32 V (versions 50, 71, 81)
160 V (versions 50/6, 60, 70)

Rated impulse voltage 1500 V (versions 30, 40, 50/6, 60, 70)
500 V (versions 50, 71, 81)

Material group II (IEC)/I (UL) (400 ≤ CTI < 600)

Overvoltage category I

Insulation resistance > 100 MΩ

Associated products

Counterparts

☞ KV ☞ KV ... C ☞ KV ...-8
☞ WKV ☞ WKV ... C

Accessories

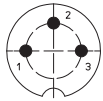
☞ 0369 ☞ 0382 ☞ 0383
☞ 038399 ☞ 0384 ☞ 0385
☞ 038899

Harnessing equipment

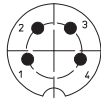
☞ ZMS 20

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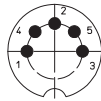
SFV ... C



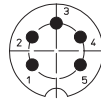
03-a
SFV 30 C



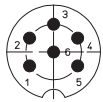
04-a
SFV 40 C



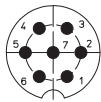
05-b
SFV 50 C



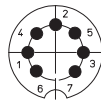
05-a
SFV 50/6 C



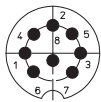
06-a
SFV 60 C



07-a
SFV 70 C



07-b
SFV 71 C



08-a
SFV 81 C

- *a nut enclosed separately
- *b mounting direction
- *c port in mounting plate

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SFV ... C

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
SFV 30 C	3	50	100
SFV 40 C	4	50	100
SFV 50 C	5	50	100
SFV 50/6 C	5	50	100
SFV 60 C	6	50	100
SFV 70 C	7	50	100
SFV 71 C	7	50	100
SFV 81 C	8	50	100

Packaging:

in a cardboard box