



Ü

TI

SI IP40

SI IP67

Baionett

PP IP67

M9 IP40

M9 IP67

SI IP67

Baionett

PP IP67

M16 IP40

M16 IP67

M23

Baionett

M25

RD24

RD30

M5

M8

M12-A

VL

M12 PP

Verteiler

M12-B

M12-D

M12-US

M18

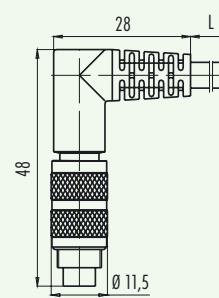
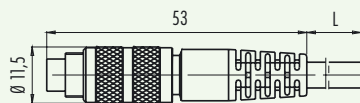
7/8"

BFA

BF-B

BF-C

R

**binder****M9 IP67****Subminiatursteckverbinder Serie 702**  
**Subminiature connectors series 702****Bezeichnung**  
*Description***Kabelstecker umspritzt**  
*Male cable connector, moulded***Winkelstecker umspritzt**  
*Male angled connector, moulded***Abbildung**  
*Figure***Maßzeichnung**  
*Drawing***Bestell-Nr.**  
*Ordering-No.*

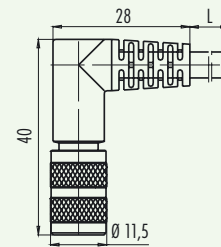
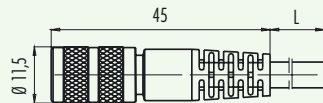
Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m	Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m
2	79-1401-12-02	79-1401-15-02	2	79-1401-72-02	79-1401-75-02
3	79-1405-12-03	79-1405-15-03	3	79-1405-72-03	79-1405-75-03
4	79-1409-12-04	79-1409-15-04	4	79-1409-72-04	79-1409-75-04
5	79-1413-12-05	79-1413-15-05	5	79-1413-72-05	79-1413-75-05
7	79-1421-12-07	79-1421-15-07	7	79-1421-72-07	79-1421-75-07
8	79-1425-12-08	79-1425-15-08	8	79-1425-72-08	79-1425-75-08

**Technische Daten**  
*Specifications*

Polzahl	2	3	4	5	7	8	Number of contacts
Steckverbinder Verriegelung	schrauben/screw						Connector locking system
Anschlussart	umspritzt am Kabel/moulded on cable						Termination
Anschlussquerschnitt	0,25 mm <sup>2</sup> (AWG 24)			0,14 mm <sup>2</sup> (AWG 26)			Wire gauge
Kabeldurchlass	-						Cable outlet
Schutzart	IP67						Degree of protection
Mechanische Lebensdauer	> 500 Steckzyklen/> 500 mating cycles						Mechanical operation
Obere Grenztemperatur	+ 70 °C						Upper temperature
Untere Grenztemperatur	- 25 °C						Lower temperature
Bemessungsspannung	125 V						Rated voltage
Bemessungsstoßspannung	1500 V						Rated impulse voltage
Verschmutzungsgrad	I						Pollution degree
Überspannungskategorie	II						Overvoltage categorie
Isolierstoffgruppe	III						Material group
Bemessungsstrom (40°C)	4 A		3 A		1 A		Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ						Contact resistance
Material Kontakt	CuZn (Messing/brass)						Material of contact
Kontaktoberfläche	Au (Gold/gold)						Contact plating
Material Kontaktkörper	PBT (UL 94 V-0)						Material of contact body
Material Gehäuse	PUR						Material of housing

**11** M9 IP67

**Subminiatursteckverbinder Serie 702**  
**Subminiature connectors series 702**
**Bezeichnung**  
*Description*
**Kabeldose umspritzt**  
*Female cable connector, moulded*
**Winkeldose umspritzt**  
*Female angled connector, moulded*
**Abbildung**  
*Figure*

**Maßzeichnung**  
*Drawing*

**Bestell-Nr.**  
*Ordering-No.*

Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m	Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m
2	79-1402-12-02	79-1402-15-02	2	79-1402-72-02	79-1402-75-02
3	79-1406-12-03	79-1406-15-03	3	79-1406-72-03	79-1406-75-03
4	79-1410-12-04	79-1410-15-04	4	79-1410-72-04	79-1410-75-04
5	79-1414-12-05	79-1414-15-05	5	79-1414-72-05	79-1414-75-05
7	79-1422-12-07	79-1422-15-07	7	79-1422-72-07	79-1422-75-07
8	79-1426-12-08	79-1426-15-08	8	79-1426-72-08	79-1426-75-08

**Technische Daten**  
*Specifications*

Polzahl	2	3	4	5	7	8	Number of contacts
Steckverbinder Verriegelung	schrauben/screw						Connector locking system
Anschlussart	umspritzt am Kabel/moulded on cable						Termination
Anschlussquerschnitt	0,25 mm <sup>2</sup> (AWG 24)			0,14 mm <sup>2</sup> (AWG 26)			Wire gauge
Kabeldurchlass	-						Cable outlet
Schutzart	IP67						Degree of protection
Mechanische Lebensdauer	> 500 Steckzyklen/> 500 mating cycles						Mechanical operation
Obere Grenztemperatur	+ 70 °C						Upper temperature
Untere Grenztemperatur	- 25 °C						Lower temperature
Bemessungsspannung	125 V						Rated voltage
Bemessungsstoßspannung	1500 V						Rated impulse voltage
Verschmutzungsgrad	I						Pollution degree
Überspannungskategorie	II						Overvoltage category
Isolierstoffgruppe	III						Material group
Bemessungsstrom (40°C)	4 A		3 A		1 A		Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ						Contact resistance
Material Kontakt	CuSn (Bronze/bronze)						Material of contact
Kontaktoberfläche	Au (Gold/gold)						Contact plating
Material Kontaktkörper	PBT (UL 94 V-0)						Material of contact body
Material Gehäuse	PUR						Material of housing

- ü
- TI
- SI IP40
- SI IP67
- Bojoneit
- PP IP67
- M9 IP40
- M9 IP67
- SI IP67
- Bojoneit
- PP IP67
- M16 IP40
- M16 IP67
- M23
- Bojoneit
- M25
- RD24
- RD30
- M5
- M8
- M12-A
- VL
- M12 PP
- Verteiler
- M12-B
- M12-D
- M12-US
- M18
- 7/8"
- BFA
- BF-B
- BF-C
- R



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TI

SI IP40

SI IP67

Bajonett

PP IP67

M9 IP40

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SI IP67

Bajonett

PP IP67

M16 IP40

M16 IP67

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M25

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M8

M12-A

VL

M12-PP

Verteiler

M12-B

M12-D

M12-US

M18

7/8"

BF-A

BF-B

BF-C

R



M9 IP67

### Subminiatursteckverbinder Serie 702 Subminiature connectors series 702

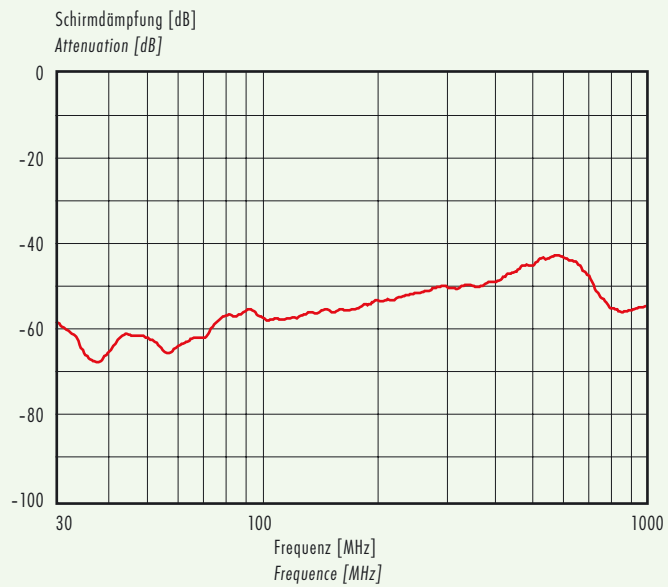
#### Technische Daten Kabel Specifications of cable

Polzahl	2-5	7+8	Contacts
Querschnitt mm <sup>2</sup> 1)	5 x 0,25	8 x 0,14	Wire gauge mm <sup>2</sup> 1)
Material Mantel	PUR		Material jacket
Isolation Litze	PVC		Insulation wire
Litzenaufbau (mm)	14 x 0,15	18 x 0,1	Design of wire (mm)
Kabelmantel (mm)	5,3 <sup>+0,2</sup>		Cable jacket (mm)
Leiterwiderstand	< 75 Ω/Km		Resistance of wire
Temperaturbereich (Kabel bewegt)	- 5 °C / + 70 °C		Temperature range (cable in move)
Temperaturbereich (Kabel fest)	- 20 °C / + 70 °C		Temperature range (cable not in move)
Biegeradius (Kabel bewegt)	min. 80 mm		Bending radius (cable in move)
Biegeradius (Kabel fest)	min. 53 mm		Bending radius (cable not in move)
Zulassung	-		Approval

#### Kennlinien Ratings

Schirmdämpfungskurve nach DIN 47 250-6  
für Kabelstecker, gerade Ausführung  
(Kabeltyp IEEE 802.3)

Attenuation curve according to DIN 47 250-6  
for straight male cable connectors  
(cable version IEEE 802.3)



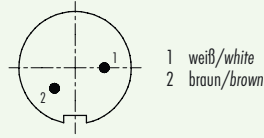
## Subminiatursteckverbinder Serie 702 Subminiature connectors series 702

Polbilder  
Contact arrangements

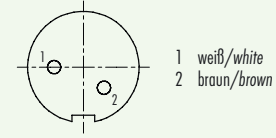
Stifteinsatz (Steckseite)  
Male insert (mating side)

Buchseinsatz (Steckseite)  
Female insert (mating side)

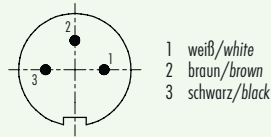
2 pol  
2 contacts



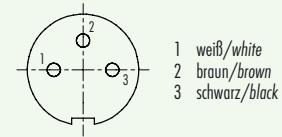
2 pol  
2 contacts



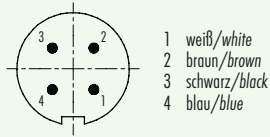
3 pol  
3 contacts



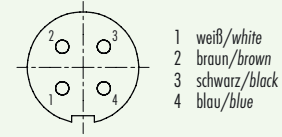
3 pol  
3 contacts



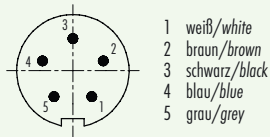
4 pol  
4 contacts



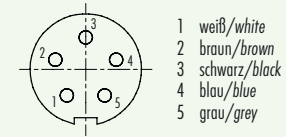
4 pol  
4 contacts



5 pol  
5 contacts



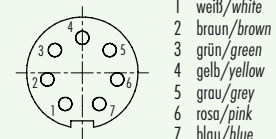
5 pol  
5 contacts



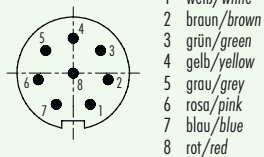
7 pol  
7 contacts



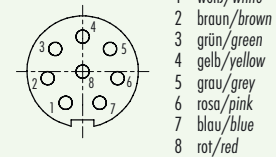
7 pol  
7 contacts



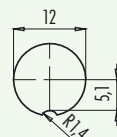
8 pol  
8 contacts



8 pol  
8 contacts



Montageausschnitt  
Panel cut out



- ü
- TI
- SI IP40
- SI IP67
- Bajonet
- PP IP67
- PP IP40
- M9 IP67
- SI IP67
- Bajonet
- PP IP67
- M16 IP40
- M16 IP67
- M23
- Bajonet
- M25
- RD24
- RD30
- M5
- M8
- M12-A
- VL
- M12 PP
- Verteiler
- M12-B
- M12-D
- M12-US
- M18
- 7/8"
- BF-A
- BF-B
- BF-C
- R

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