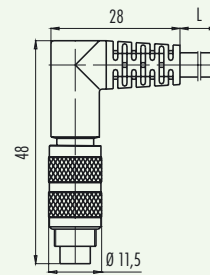
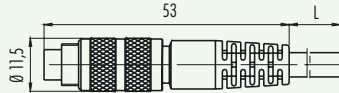


Subminiatursteckverbinder Serie 702
Subminiature connectors series 702
Bezeichnung
Description
Kabelstecker umspritzt
Male cable connector, moulded
Winkelstecker umspritzt
Male angled connector, moulded
Abbildung
Figure

Maßzeichnung
Drawing

Bestell-Nr.
Ordering-No.

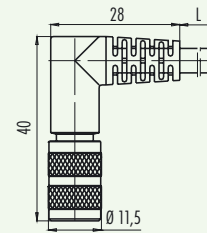
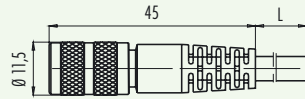
Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m
2	79-1401-12-02	79-1401-15-02
3	79-1405-12-03	79-1405-15-03
4	79-1409-12-04	79-1409-15-04
5	79-1413-12-05	79-1413-15-05
7	79-1421-12-07	79-1421-15-07
8	79-1425-12-08	79-1425-15-08

Polzahl Contacts	Kabellänge 2m Cable length 2m	Kabellänge 5m Cable length 5m
2	79-1401-72-02	79-1401-75-02
3	79-1405-72-03	79-1405-75-03
4	79-1409-72-04	79-1409-75-04
5	79-1413-72-05	79-1413-75-05
7	79-1421-72-07	79-1421-75-07
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 ² (AWG 24)			0,14 mm ² (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
Bemessungs-Stoßspannung	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

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 ² (AWG 24)			0,14 mm ² (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	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
- Bayonett
- PP IP67
- M9 IP40
- M9 IP67
- SI IP67
- Bayonett
- PP IP67
- M6 IP40
- M6 IP67
- M23
- Bayonett
- M25
- RD24
- RD30
- M5
- M8
- M12-A
- VL
- M12 PP
- Verteiler
- M12-B
- M12-D
- M12-US
- M18
- 7/8"
- BFA
- BFB
- BFC
- R

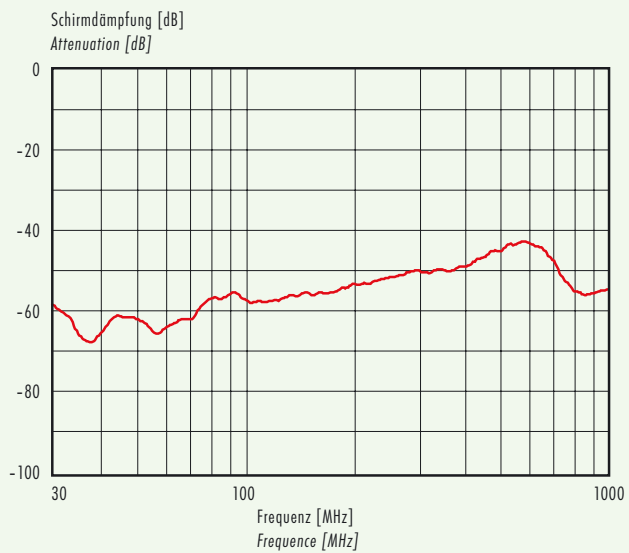
Subminiatursteckverbinder Serie 702
Subminiature connectors series 702
Technische Daten Kabel
Specifications of cable

	2-5	7+8	Contacts
Polzahl	2-5	7+8	Contacts
Querschnitt mm ² ¹⁾	5 x 0,25	8 x 0,14	Wire gauge mm ² 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 ^{+0,2}	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)



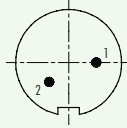
Subminiatursteckverbinder Serie 702
Subminiature connectors series 702

Polbilder
Contact arrangements

Stifteinsatz (Steckseite)
Male insert (mating side)

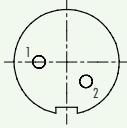
Buchseinsatz (Steckseite)
Female insert (mating side)

2 pol
2 contacts



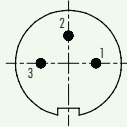
1 weiß/white
2 braun/brown

2 pol
2 contacts



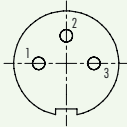
1 weiß/white
2 braun/brown

3 pol
3 contacts



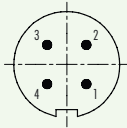
1 weiß/white
2 braun/brown
3 schwarz/black

3 pol
3 contacts



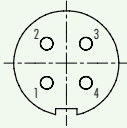
1 weiß/white
2 braun/brown
3 schwarz/black

4 pol
4 contacts



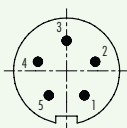
1 weiß/white
2 braun/brown
3 schwarz/black
4 blau/blue

4 pol
4 contacts



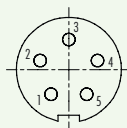
1 weiß/white
2 braun/brown
3 schwarz/black
4 blau/blue

5 pol
5 contacts



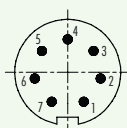
1 weiß/white
2 braun/brown
3 schwarz/black
4 blau/blue
5 grau/grey

5 pol
5 contacts



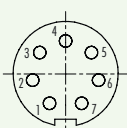
1 weiß/white
2 braun/brown
3 schwarz/black
4 blau/blue
5 grau/grey

7 pol
7 contacts



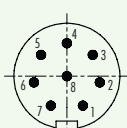
1 weiß/white
2 braun/brown
3 grün/green
4 gelb/yellow
5 grau/grey
6 rosa/pink
7 blau/blue

7 pol
7 contacts



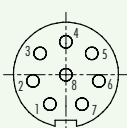
1 weiß/white
2 braun/brown
3 grün/green
4 gelb/yellow
5 grau/grey
6 rosa/pink
7 blau/blue

8 pol
8 contacts



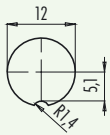
1 weiß/white
2 braun/brown
3 grün/green
4 gelb/yellow
5 grau/grey
6 rosa/pink
7 blau/blue
8 rot/red

8 pol
8 contacts



1 weiß/white
2 braun/brown
3 grün/green
4 gelb/yellow
5 grau/grey
6 rosa/pink
7 blau/blue
8 rot/red

Montageausschnitt
Panel cut out



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