

Subminiatursteckverbinder Serie 702

Subminiature connectors series 702

Bezeichnung
Description

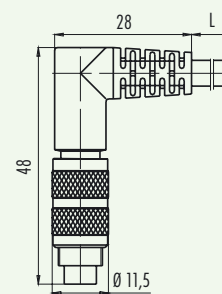
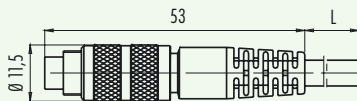
Kabelstecker umspritzt
Male cable connector, moulded

Winkelstecker umspritzt
Male angled connector, moulded

Abbildung
Figure



Maßzeichnung
Drawing



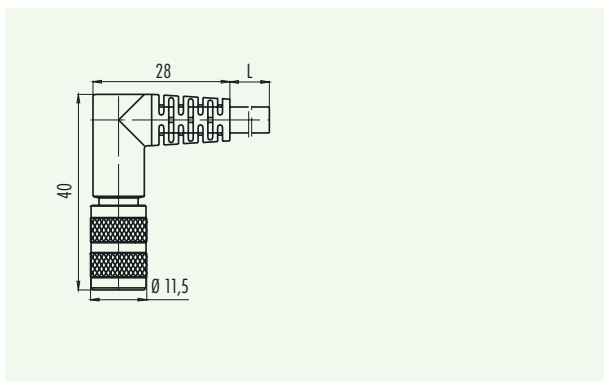
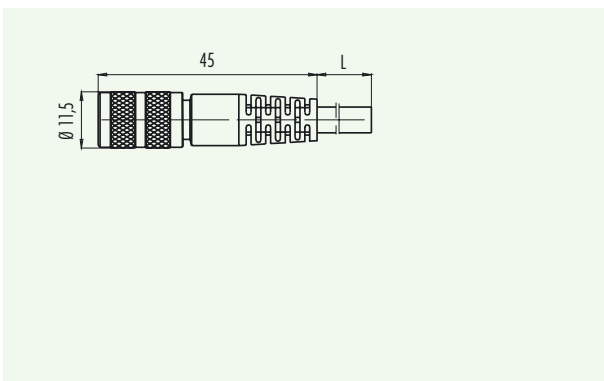
Bestell-Nr.
Ordering-No.

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 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	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

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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	
Steckverbinder Verriegelung	schrauben/screw						Number of contacts
Anschlussart	umspritzt am Kabel/moulded on cable						Connector locking system
Anschlussquerschnitt	0,25 mm ² (AWG 24)			0,14 mm ² (AWG 26)			Termination
Kabeldurchlass	-						Wire gauge
Schutzart	IP67						Cable outlet
Mechanische Lebensdauer	> 500 Steckzyklen/> 500 mating cycles						Degree of protection
Obere Grenztemperatur	+ 70 °C						Mechanical operation
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Isolierstoffgruppe	III						Overvoltage categorie
Bemessungsstrom (40°C)	4 A		3 A		1 A		Material group
Durchgangswiderstand	≤ 3 mΩ						Rated current (40 °C)
Material Kontakt	CuSn (Bronze/bronze)						Contact resistance
Kontaktoberfläche	Au (Gold/gold)						Material at contact
Material Kontaktkörper	PBT (UL 94 V-0)						Contact plating
Material Gehäuse	PUR						Material of contact body
							Material of housing

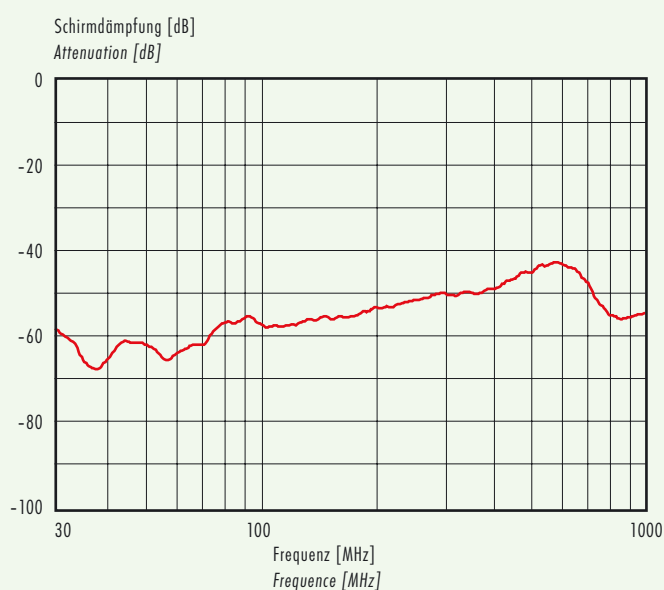
Subminiatursteckverbinder Serie 702
Subminiature connectors series 702
Technische Daten Kabel
Specifications of cable

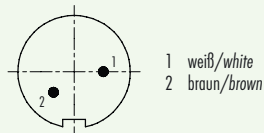
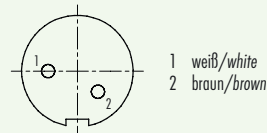
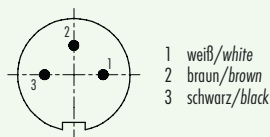
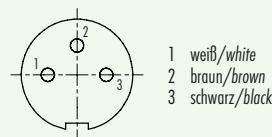
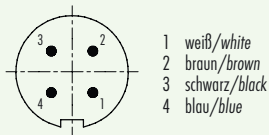
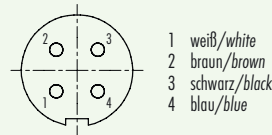
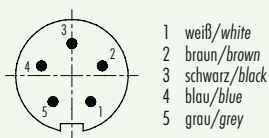
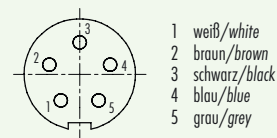
Polzahl	2-5	7+8	Contacts
Querschnitt mm ² ¹⁾	5 x 0,25	8 x 0,14	Wire gauge mm ² ¹⁾
Material Mantel	PUR		Material jacket
Isolation Litze	PVC		Insulation wire
Litzenaufbau (mm)	14 x 0,15	18 x 0,1	Design of wire (mm)
Kabelmantel (mm)	5,3 ^{+0,2}		Cable jacket (mm)
Leiterwiderstand	< 75 Ω/Km		Resistance of 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

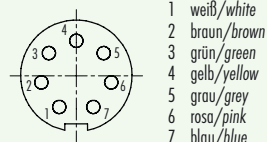
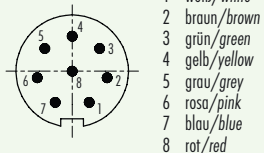
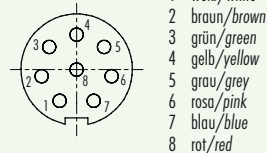
Kennlinien
Ratings

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)



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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
