



Serie 713

Sensor Steckverbinder Serie 713 (M12x1)

Sensor connectors series 713 (M12x1)

Kurzinformation

Brief information

Kabelsteckverbinder

- Schirmbar/nicht schirmbar
- Konfektionierbar
- Gewindeverriegelung M12x1
- Schraubanschluss/Schirm wird 360° geklemmt
- Schutzart IP 67 ¹⁾
- Transparentes Gehäuse für Leiterplatte mit LED
- Kompatibel zu Steckverbindern der Serie 763

Cable Connector

- Shieldable/not shieldable
- Assembly possible
- Thread locking M12x1
- Screw connection/shield is clamped 360°
- Degree of protection IP 67 ¹⁾
- Transparent housing for PCB with LED
- Compatible with connectors series 763

Aufbau des Steckverbinders:
Construction of the connector:

Kabelstecker:
Male cable connector:

Winkeldose:
Female angled connector:

Duo-stecker:
Duo connector:

Kabelstecker schirmbar:
Male cable connector shieldable:

Winkelstecker schirmbar:
Male angled connector shieldable:

Einbausteckverbinder

- Kontakteinsätze für Sensor-Rohrmontage
- Löt-, Tauchlötanschluss
- Abdichtung über O-Ring bzw. Dichtlippen
- Transparente Versionen mit LED
- Verguss- bzw. Entlüftungsbohrungen

Sockets

- Contact insert for sensor tubes
- Solder, dipsolder termination
- Sealing with o-ring
- Transparent versions with LED
- Versions with sealing holes

Einbaustecker:
Male insert connector:

Flanschsteckverbinder

- Metall- und Kunststoffgehäuse
- Gewindeverriegelung M12x1
- Befestigungsgewinde M12; PG 9; PG 11; PG 13,5; M16x1,5; M20x1,5
- Löt-, Tauchlötanschluss und Litzen
- Front- und Rückwandmontage
- Kompatibel zu Steckverbindern der Serie 763

Chassis Sockets

- Metal and plastic housing
- Thread locking M12x1
- Befestigungsgewinde M12; PG 9; PG 11; PG 13,5; M16x1,5; M20x1,5
- Solder, dipsolder termination and wires
- Front fastened and fastened from back side
- Compatible with connectors series 763

Flanschstecker:
Male socket:

Flanschstecker:
Male socket:

Flanschstecker:
Male socket:

Flanschstecker:
Male socket:

¹⁾ Erläuterung der Schutzarten siehe Seite TI-3 – TI-4. / ¹⁾ Explanation of protection standards see page TI-3 – TI-4.

Sensor Steckverbinder Serie 713 (M12x1) <i>Sensor connectors series 713 (M12x1)</i>		Technische Daten ¹⁾ <i>Specifications ¹⁾</i>			
Allgemeine Kennwerte <i>General Characteristics</i>					
Polzahl	<i>Number of contacts</i>	3	4	5	8
Verriegelung	<i>Locking system</i>	schrauben M12x1 / <i>screw M12x1</i>			
Anschlussart	<i>Termination</i>	schrauben, löten, tauchlöten, Litzen / <i>screw, solder, dip solder, wires</i>			
Anschlussquerschnitt in mm ²	<i>Wire gauge in mm²</i>	max. 0,75 (schrauben), max. 0,25 (löten) / <i>max. 0,75 (screw), max. 0,25 (solder)</i>			
Anschlussquerschnitt in AWG	<i>Wire gauge in AWG</i>	max. 18 (schrauben), max. 24 (löten) / <i>max. 18 (screw), max. 24 (solder)</i>			
Schutzart Gehäuse	<i>Shell protection</i>	IP 67			
Mechanische Lebensdauer	<i>Mechanical operation</i>	> 500 Steckzyklen / <i>> 500 mating cycles</i>			
Obere Grenztemperatur	<i>Upper temperature</i>	+ 85 °C (+ 185 °F)			
Untere Grenztemperatur	<i>Lower temperature</i>	– 40 °C (– 40 °F)			
Elektrische Kennwerte <i>Electrical Characteristics</i>					
Bemessungsspannung ²⁾	<i>Rated voltage ²⁾</i>	250 V	250 V	125 V	60 V
Bemessungs-Stoßspannung	<i>Rated impulse voltage</i>	2500 V	2500 V	1500 V	800 V
Verschmutzungsgrad	<i>Pollution degree</i>	3			
Überspannungskategorie	<i>Overvoltage categorie</i>	II			
Isolierstoffgruppe	<i>Material group</i>	III			
Prüfstoßspannung	<i>Test voltage</i>	2950 V	2950 V	1750 V	910 V
Bemessungsstrom (40 °C)	<i>Rated current (40 °C)</i>	4 A			2 A
Durchgangswiderstand ¹⁾	<i>Contact resistance ¹⁾</i>	≤ 8 mΩ (Optaloy), ≤ 3 mΩ (Gold) / <i>≤ 8 mΩ (optaloy), ≤ 3 mΩ (gold)</i>			
Isolationswiderstand	<i>Insulation resistance</i>	≥ 10 ¹⁰ Ω			
Werkstoffe <i>Materials</i>					
Kontaktstift	<i>Pin contact</i>	CuZn (Messing / <i>brass</i>)			
Kontaktbuchse	<i>Socket contact</i>	CuSn (Bronze / <i>bronce</i>)			
Kontaktoberfläche Kabelteil	<i>Contact plating cable part</i>	CuSnZn (Optaloy)			
Kontaktoberfläche Flanschteil	<i>Contact plating socket part</i>	Au (Gold / <i>gold</i>)			
Steckerkörper	<i>Male insert</i>	PA 66 (UL 94 HB)			
Buchsenkörper	<i>Female insert</i>	PA 66 (UL 94 HB)			
Gehäuse Kabelstecker Kunststoff	<i>Housing cable connector plastic vers.</i>	PBT (UL 94 V-0)			
Gehäuse Kabelstecker Metall	<i>Housing cable connector metall vers.</i>	CuZn vernickelt _(ger.) , Zink-Druckguss vernickelt _(gew.) / <i>nickel-plated _(str.), zinc diecasting _(ang.)</i>			
Flanschgehäuse	<i>Socket</i>	PA 66 (UL 94 HB), CuZn (Messing) vernickelt / <i>(brass) nickel-plated</i>			
Gewinding	<i>Ring nut</i>	PA 66 (UL 94 V-0), CuZn-vernickelt, VA-Stahl / <i>nickel-plated, stainless steel</i>			

¹⁾ Normen und Prüfbedingungen für diese Angaben siehe Seite TI-16. / ¹⁾ Standards and test parameters for this data see page TI-16.

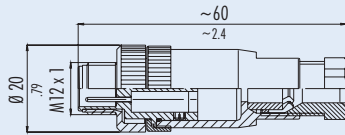
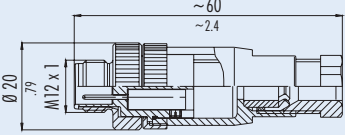
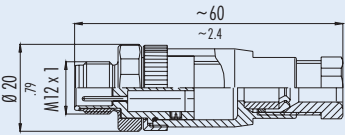
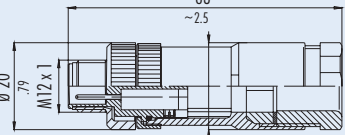
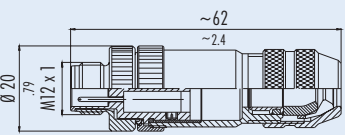
²⁾ Bei Verwendung von LED-Einsätzen 10 - 30 V. / ²⁾ 10 - 30 V when used LED-inserts.

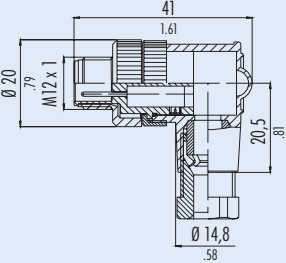
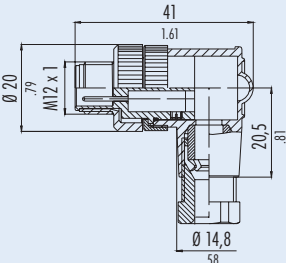
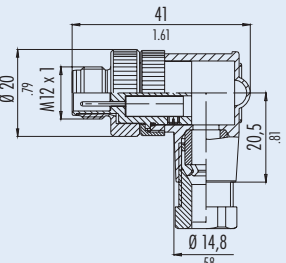
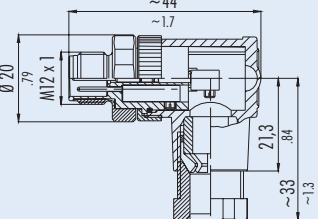
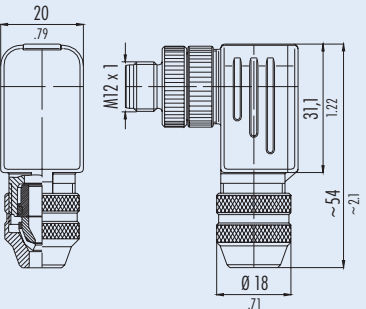
Sensor Steckverbinder Serie 713 (M12x1)

Sensor connectors series 713 (M12x1)

Kabelstecker

Male cable connectors

Bezeichnung — Abbildung Description — Figure	Maßzeichnung Drawing	Polzahl Contacts	Kabeldurchlass Cable outlet (mm/inch)	Bestell-Nr. Ordering-No.
Kabelstecker, Kunststoffverriegelung Male cable connector, plastic locking system		4	4 - 6 .16 - .24	99-0429-43-04
			6 - 8 .24 - .31	99-0429-57-04
		5	4 - 6 .16 - .24	99-0437-43-05
			6 - 8 .24 - .31	99-0437-57-05
Kabelstecker, Metallverriegelung Male cable connector, metal locking system		3	4 - 6 .16 - .24	99-0429-07-04
			6 - 8 .24 - .31	99-0429-158-04
		4	4 - 6 .16 - .24	99-0429-14-04 
			6 - 8 .24 - .31	99-0429-12-04 
		5	4 - 6 .16 - .24	99-0437-14-05 
			6 - 8 .24 - .31	99-0437-12-05 
Kabelstecker, VA-Gewindeverriegelung, Kontaktfläche Gold Male cable connector, VA locking system, Contact surface gold		4	4 - 6 .16 - .24	99-0429-82-04
			6 - 8 .24 - .31	99-0429-282-04
		5	4 - 6 .16 - .24	99-0437-82-05
			6 - 8 .24 - .31	99-0437-282-05
Duostecker, Kunststoffverriegelung Male duo connector, plastic locking system		4	2 Kabel $\varnothing$ 3,5 - 5 oder $\varnothing$ 2,1 - 3 2 cables $\varnothing$.08 - .12 or $\varnothing$.14 - .20	99-0429-142-04
		5		99-0437-142-05
Kabelstecker, schirmbar Male cable connector, shieldable		4	4 - 6 .16 - .24	99-1429-814-04
			6 - 8 .24 - .31	99-1429-812-04
		5	4 - 6 .16 - .24	99-1437-814-05
			6 - 8 .24 - .31	99-1437-812-05

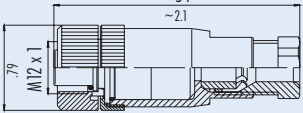
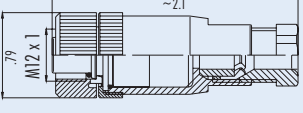
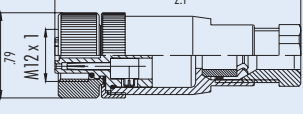
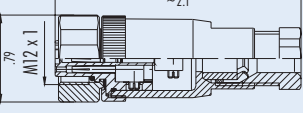
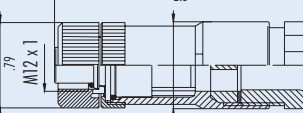
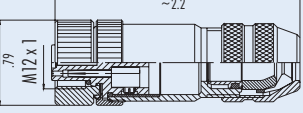
Sensor Steckverbinder Serie 713 (M12x1) <i>Sensor connectors series 713 (M12x1)</i>		Winkelstecker <i>Male angled connectors</i>		
Bezeichnung — Abbildung <i>Description — Figure</i>	Maßzeichnung <i>Drawing</i>	Polzahl <i>Contacts</i>	Kabeldurchlass Cable outlet (mm/inch)	Bestell-Nr. <i>Ordering-No.</i>
Winkelstecker, Kunststoffverriegelung <i>Male angled connector, plastic locking system</i> 		4	4 - 6 .16 - .24	99-0429-44-04
		5	4 - 6 .16 - .24	99-0437-44-05
Winkelstecker, Kunststoffverriegelung, transparent <i>Male angled connector, plastic locking system, transparent</i> 		4	4 - 6 .16 - .24	99-0429-20-04
Winkelstecker, Metallverriegelung <i>Male angled connector, metal locking system</i> 		3	4 - 6 .16 - .24	99-0429-07-04
			6 - 8 .24 - .31	99-0429-161-04
		4	4 - 6 .16 - .24	99-0429-24-04 
			6 - 8 .24 - .31	99-0429-52-04 
		5	4 - 6 .16 - .24	99-0437-24-05 
			6 - 8 .24 - .31	99-0437-52-05 
Winkelstecker, VA-Gewindeverriegelung, Kontakttoberfläche Gold <i>Male angled connector, VA locking system, Contact surface gold</i> 		4	4 - 6 .16 - .24	99-0429-92-04
			6 - 8 .24 - .31	99-0429-292-04
		5	4 - 6 .16 - .24	99-0437-92-05
			6 - 8 .24 - .31	99-0437-292-05
Winkelstecker, schirmbar <i>Male angled connector, shieldable</i> 		4	4 - 6 .16 - .24	99-1429-824-04
			6 - 8 .24 - .31	99-1429-822-04
		5	4 - 6 .16 - .24	99-1437-824-05
			6 - 8 .24 - .31	99-1437-822-05

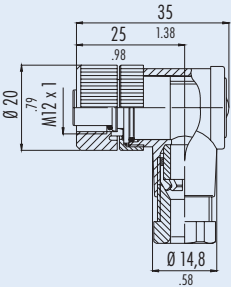
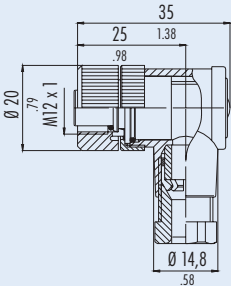
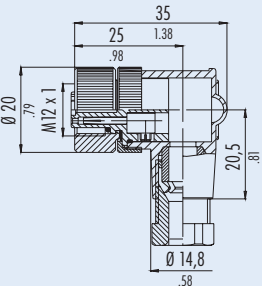
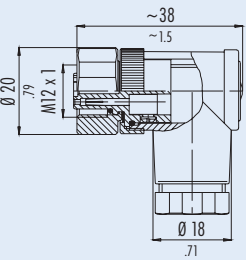
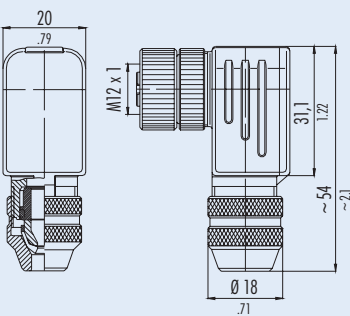
Sensor Steckverbinder Serie 713 (M12x1)

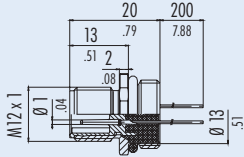
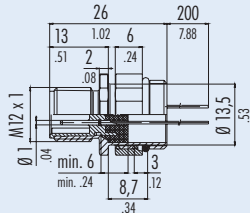
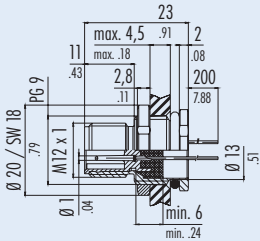
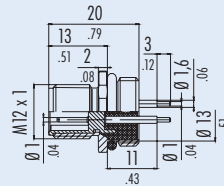
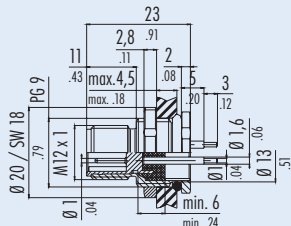
Sensor connectors series 713 (M12x1)

Kabellosen

Female cable connectors

Bezeichnung — Abbildung Description — Figure	Maßzeichnung Drawing	Polzahl Contacts	Kabeldurchlass Cable outlet (mm/inch)	Bestell-Nr. Ordering-No.
Kabeldose, Kunststoffverriegelung Female cable connector, plastic locking system		4	4 - 6 .16 - .24	99-0430-10-04
			6 - 8 .24 - .31	99-0430-57-04
		5	4 - 6 .16 - .24	99-0436-10-05
			6 - 8 .24 - .31	99-0436-57-05
Kabeldose, Kunststoffverriegelung, transparent Male cable connector, metal locking system, transparent		4	4 - 6 .16 - .24	99-0430-30-04
			6 - 8 .24 - .31	99-0430-46-04
Kabeldose, Metallverriegelung Female cable connector, metal locking system		3	4 - 6 .16 - .24	99-0430-07-04
			6 - 8 .24 - .31	99-0430-158-04
		4	4 - 6 .16 - .24	99-0430-14-04 
			6 - 8 .24 - .31	99-0430-12-04 
		5	4 - 6 .16 - .24	99-0436-14-05 
			6 - 8 .24 - .31	99-0436-12-05 
Kabeldose, VA-Gewindeverriegelung, Kontaktfläche Gold Female cable connector, VA locking system, contact surface gold		4	4 - 6 .16 - .24	99-0430-82-04
			6 - 8 .24 - .31	99-0430-282-04
		5	4 - 6 .16 - .24	99-0436-82-05
			6 - 8 .24 - .31	99-0436-282-05
Duodose, Kunststoffverriegelung Female duo connector, plastic locking system		4	2 Kabel Ø 2,1 - 3 oder Ø 3,5 - 5 .2 cables Ø .08 - .12 or Ø .14 - .20	99-0430-142-04
		5		99-0436-142-05
Kabeldose, schirmbar Female cable connector, shieldable		4	4 - 6 .16 - .24	99-1430-814-04
			6 - 8 .24 - .31	99-1430-812-04
		5	4 - 6 .16 - .24	99-1436-814-05
			6 - 8 .24 - .31	99-1436-812-05

Sensor Steckverbinder Serie 713 (M12x1) <i>Sensor connectors series 713 (M12x1)</i>		Winkeldosen <i>Female angled connectors</i>		
Bezeichnung — Abbildung <i>Description — Figure</i>	Maßzeichnung <i>Drawing</i>	Polzahl <i>Contacts</i>	Kabeldurchlass Cable outlet (mm/inch)	Bestell-Nr. <i>Ordering-No.</i>
Winkeldose, Kunststoffverriegelung <i>Female angled connector, plastic locking system</i> 		4	4 - 6 .16 - .24	99-0430-00-04
			6 - 8 .24 - .31	99-0430-69-04
		5	4 - 6 .16 - .24	99-0436-00-05
			6 - 8 .24 - .31	99-0436-69-05
Winkeldose, Kunststoffverriegelung, transparent <i>Female angled connector, plastic locking system, transparent</i> 		4	4 - 6 .16 - .24	99-0430-20-04
			6 - 8 .24 - .31	99-0430-68-04
Winkeldose, Metallverriegelung <i>Male angled connector, metal locking system</i> 		3	4 - 6 .16 - .24	99-0430-27-04
			6 - 8 .24 - .31	99-0430-161-04
		4	4 - 6 .16 - .24	99-0430-24-04 
			6 - 8 .24 - .31	99-0430-52-04 
		5	4 - 6 .16 - .24	99-0436-24-05 
			6 - 8 .24 - .31	99-0436-52-05 
Winkeldose, VA-Gewindeverriegelung, Kontakttoberfläche Gold <i>Female angled connector, VA locking system, Contact surface gold</i> 		4	4 - 6 .16 - .24	99-0430-92-04
			6 - 8 .24 - .31	99-0430-292-04
		5	4 - 6 .16 - .24	99-0436-92-05
			6 - 8 .24 - .31	99-0436-292-05
Winkeldose, schirmbar <i>Female angled connector, shieldable</i> 		4	4 - 6 .16 - .24	99-1430-824-04
			6 - 8 .24 - .31	99-1430-822-04
		5	4 - 6 .16 - .24	99-1436-824-05
			6 - 8 .24 - .31	99-1436-822-05

Sensor Steckverbinder Serie 713 (M12x1) <i>Sensor connectors series 713 (M12x1)</i>		Flanschstecker <i>Male sockets</i>	
Bezeichnung — Abbildung <i>Description — Figure</i>	Maßzeichnung <i>Drawing</i>	Polzahl <i>Contacts</i>	Bestell-Nr. <i>Ordering-No.</i>
Flanschstecker mit Litzen <i>Male socket with wires</i> 		4 PG 9	09-3431-00-04
		4 M16x1,5	09-3431-700-04
		4 VA-Gehäuse	09-3431-282-04
		5 PG 9	09-3441-00-05
		5 M16x1,5	09-3441-700-05
		5 VA-Gehäuse	09-3441-282-05
		8 PG 9	09-3481-00-08
		8 M16x1,5	09-3481-700-08
		8 VA-Gehäuse	09-3481-282-08
Flanschstecker positionierbar, mit Litzen <i>Male socket, positioning possible, with wires</i> 		4 PG 9	09-3431-22-04
		4 M16x1,5	09-3431-722-04
		5 PG 9	09-3441-22-05
		5 M16x1,5	09-3441-722-05
Flanschstecker, von vorn verschraubbar, mit Litzen <i>Male socket, front fastened, with wires</i> 		4	09-3431-116-04
		5	09-3441-116-05
Flanschstecker, tauchlöten <i>Male socket, dip solder</i> 		4	09-3431-88-04
		5	09-3441-88-05
Flanschstecker, von vorn verschraubbar, tauchlöten <i>Male socket, front fastened, dip solder</i> 		4	09-3431-90-04
		5	09-3441-90-05

¹⁾ Flanschstecker von Serie 763 / *Sockets from series 763.*

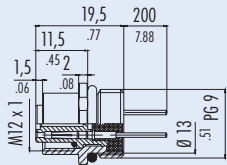
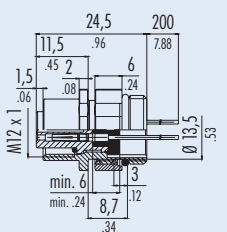
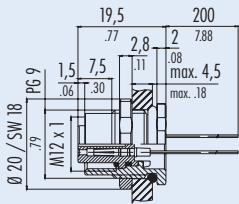
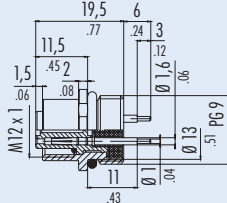
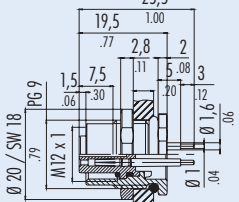
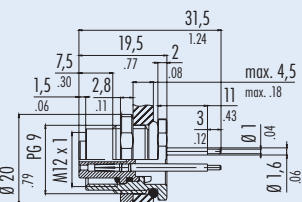
Sensor Steckverbinder Serie 713 (M12x1)
Sensor connectors series 713 (M12x1)

Einbaustecker

Male receptacles

Bezeichnung – Abbildung Description – Figure	Maßzeichnung Drawing	Polzahl Contacts	Bestell-Nr. Ordering-No.
Einbaustecker für Leiterplattenmontage, gerade Male receptacle for PCB assembly, straight	Leiterplattendicke: 1,6 mm Thickness of PCB: 1,6 mm (.08)	4	99-3431-200-04
	Leiterplattendicke: 1,6 mm Thickness of PCB: 1,6 mm (.08)	5	99-3441-200-05
Einbaustecker für Leiterplattenmontage, gewinkelt Male receptacle for PCB assembly, angled	Leiterplattendicke: 1,6 mm Thickness of PCB: 1,6 mm (.08)	4	99-3431-202-04
	Leiterplattendicke: 1,6 mm Thickness of PCB: 1,6 mm (.08)	5	99-3441-202-05

¹⁾ Einbaustecker von Serie 763 / *Male receptacles from series 763.*

Sensor Steckverbinder Serie 713 (M12x1) <i>Sensor connectors series 713 (M12x1)</i>		Flanschdosen <i>Female sockets</i>	
Bezeichnung — Abbildung <i>Description — Figure</i>	Maßzeichnung <i>Drawing</i>	Polzahl <i>Contacts</i>	Bestell-Nr. <i>Ordering-No.</i>
Flanschdose mit Litzen <i>Female socket with wires</i> 		4 PG 9	09-3432-00-04
		4 M16x1,5	09-3432-700-04
		4 VA-Gehäuse	09-3432-282-04
		5 PG 9	09-3442-00-05
		5 M16x1,5	09-3442-700-05
		5 VA-Gehäuse	09-3442-282-05
		8 PG 9	09-3482-00-08
		8 M16x1,5	09-3482-700-08
Flanschdose positionierbar, mit Litzen <i>Female socket, positioning possible, with wires</i> 		4 PG 9	09-3432-22-04
		4 M16x1,5	09-3432-722-04
		5 PG 9	09-3442-22-05
		5 M16x1,5	09-3442-722-05
Flanschdose, von vorn verschraubbar, mit Litzen <i>Female socket, front fastened, with wires</i> 		4	09-3432-87-04
		5	09-3442-87-05
Flanschdose, tauchlöten <i>Female socket, dip solder</i> 		4	09-3432-88-04
		5	09-3442-88-05
Flanschdose, von vorn verschraubbar, tauchlöten, 6 mm Kontaktlänge <i>Female socket, front fastened, dip solder, 6 mm contact length</i> 		4	09-3432-90-04
		5	09-3442-90-05
Flanschdose, von vorn verschraubbar, tauchlöten, 12 mm Kontaktlänge <i>Female socket, front fastened, dip solder, 12 mm contact length</i> 		4	09-3432-92-04
		5	09-3442-92-05

¹⁾ Flanschstecker von Serie 763 / *Sockets from series 763.*

Sensor Steckverbinder Serie 713 (M12x1) Sensor connectors series 713 (M12x1)

Einbaudosen Female receptacles

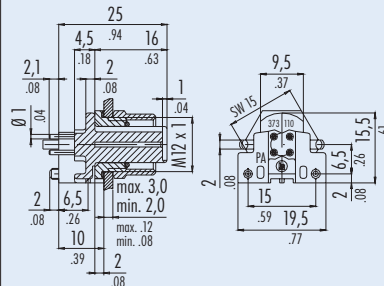
Bezeichnung — Abbildung
Description — Figure

Maßzeichnung
Drawing

Polzahl
Contacts

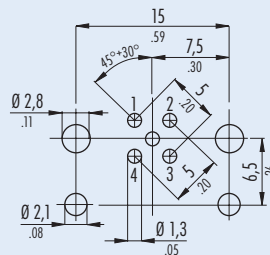
Bestell-Nr.
Ordering-No.

Einbaudose für Leiterplattenmontage,
gerade
Female receptacle for PCB assembly,
straight



4

99-3432-200-04

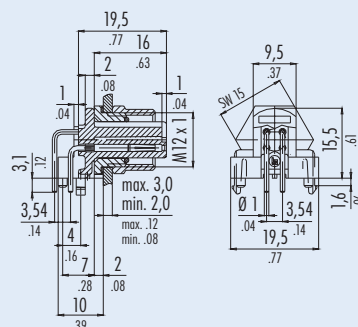


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99-3442-200-05

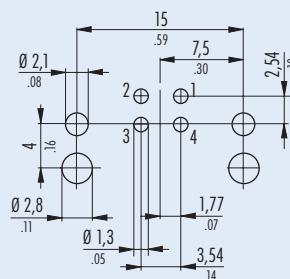
Leiterplattendicke: 1,6 mm
Thickness of PCB: 1,6 mm (.08)

Einbaudose für Leiterplattenmontage,
gewinkelt
Female receptacle for PCB assembly,
angled



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09-3432-202-04



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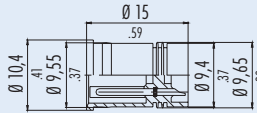
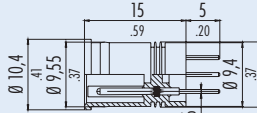
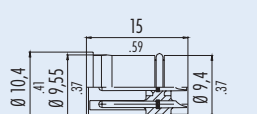
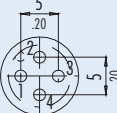
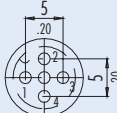
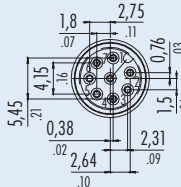
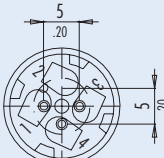
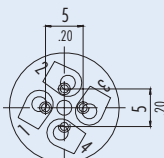
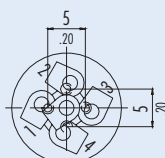
09-3442-202-05

Leiterplattendicke: 1,6 mm
Thickness of PCB: 1,6 mm (.08)

¹⁾ Einbaudosen von Serie 763 / Female receptacles from series 763.

Sensor Steckverbinder Serie 713 (M12x1) Sensor connectors series 713 (M12x1)

Einbaustecker, Polbilder Male receptacles, Contact arr.

Bezeichnung — Abbildung Description — Figure		Maßzeichnung Drawing	Polzahl Contacts	Bestell-Nr./Ordering-No. ohne Vergussloch without sealing hole		mit Vergussloch with sealing hole
Einbaustecker versenkt mit Dichtlippen, löten Male receptacle with sealing lips, solder			4	09-0431-70-04	09-0431-71-04	
Einbaustecker versenkt mit Dichtlippen, tauchlöten Male receptacle with sealing lips, dip solder			4	09-0431-216-04	09-0431-76-04	
			5	09-0433-216-05	—	
Einbaustecker versenkt mit O-Ring, löten Male receptacle with o-ring, solder			4	09-0431-74-04	09-0431-73-04	
			5	09-0433-74-05	—	
Polbilder mit Sicht auf Lötanschlusseite der Stifteinsätze Contact arrangements with view on solder termination side of male inserts						
Einbaustecker Male receptacles	3 pol 3 contacts	4 pol 4 contacts	5 pol 5 contacts	8 pol 8 contacts		
						
Kabelstecker Male cable connector	3 pol 3 contacts	4 pol 4 contacts	5 pol 5 contacts	8 pol 8 contacts		
						

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772
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M-A
M-B
M-C

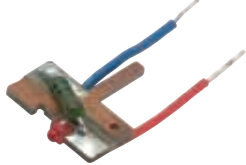
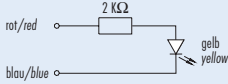
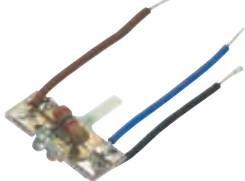
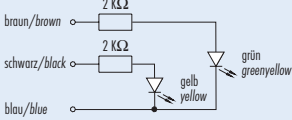
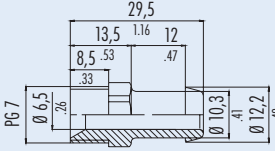
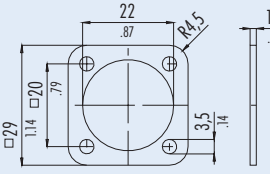
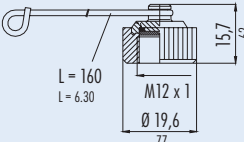
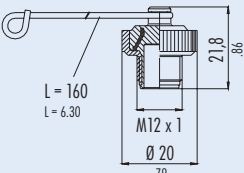
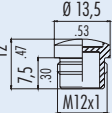
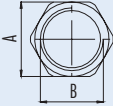
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Sensor Steckverbinder Serie 713 (M12x1)

Sensor connectors series 713 (M12x1)

Zubehör

Accessories

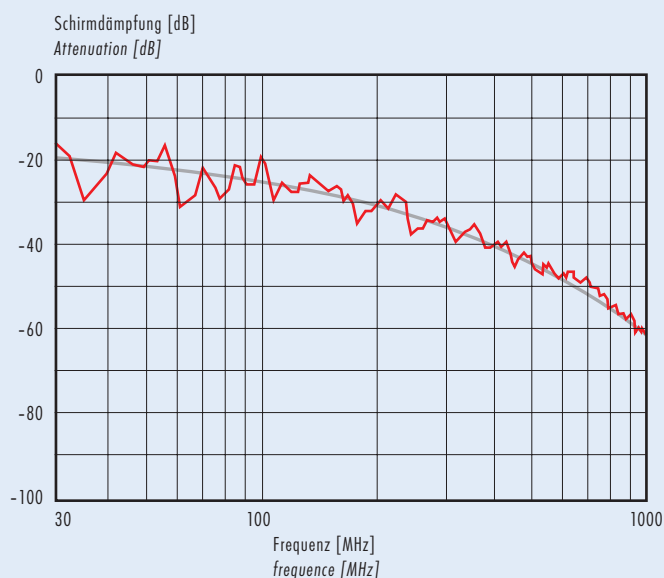
Bezeichnung Description	Abbildung Figure	Maßzeichnung Drawing	Bestell-Nr. Ordering-No.																								
Leiterplatte mit einer LED gelb, zum Einbau in Kabelsteckverbinder PCB with one LED yellow, for cable connectors			08-0472-000-000																								
Leiterplatte mit zwei LED grün/gelb, zum Einbau in Kabelsteckverbinder PCB with two LEDs green/yellow, for cable connectors			08-0462-000-000																								
Schlauchverschraubung Screwing for tube			02-0237-000																								
Dichtung für Vierkantflanschstecker Seal for square flange			044-1125-A1																								
Schutzkappe für Stecker mit Halteband Protection cap for male connector with strap			08-2424-000-000																								
Schutzkappe für Dose mit Halteband Protection cap for female connector with strap			08-2425-000-000																								
Schutzkappe für Dose Protection cap for female connector			08-1136-000-000																								
Sechskantmutter für Befestigungsgewinde Hexagonal nut for fixing thread		 <table border="1"> <thead> <tr> <th></th><th>A</th><th>B</th><th></th></tr> </thead> <tbody> <tr> <td>SW18</td><td>PG 9</td><td></td><td>16-0402-001</td></tr> <tr> <td>SW21</td><td>PG 11</td><td></td><td>16-0403-001</td></tr> <tr> <td>SW23</td><td>PG 13,5</td><td></td><td>16-0401-001</td></tr> <tr> <td>SW19</td><td>M16x1,5</td><td></td><td>16-0916-001</td></tr> <tr> <td>SW24</td><td>M20x1,5</td><td></td><td>16-0917-001</td></tr> </tbody> </table>		A	B		SW18	PG 9		16-0402-001	SW21	PG 11		16-0403-001	SW23	PG 13,5		16-0401-001	SW19	M16x1,5		16-0916-001	SW24	M20x1,5		16-0917-001	
	A	B																									
SW18	PG 9		16-0402-001																								
SW21	PG 11		16-0403-001																								
SW23	PG 13,5		16-0401-001																								
SW19	M16x1,5		16-0916-001																								
SW24	M20x1,5		16-0917-001																								

Sensor Steckverbinder Serie 713 (M12x1) Sensor connectors series 713 (M12x1)

Kennlinie, Montageanleitung Rating, Assembly instruction

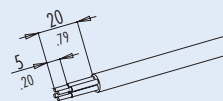
Schirmdämpfungskurve nach DIN 47250-6
für Kabelsteckverbinder, gerade Ausführung
(Kabeltyp IEEE 802.3)

*Attenuation curve according to DIN 47250-6
for straight cable connectors
(cable version IEEE 802.3)*



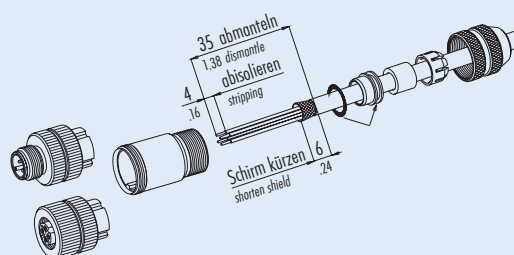
Abisoliermaße
Kabelstecker, Kabeldose
Winkelstecker, Winkeldose,
nicht schirmbare Ausführungen

*Strip measures
Male cable connector, Female cable connector
Male angled connector, Female angled connector,
versions not shieldable*



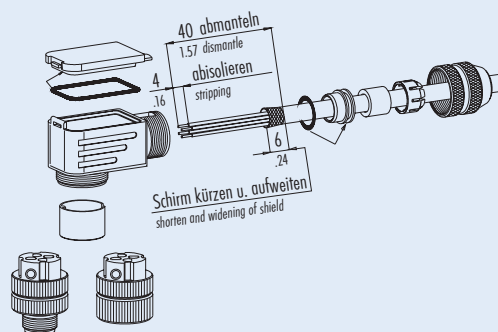
Abisoliermaße
Kabelstecker, Kabeldose
schirmbare Ausführungen

*Strip measures
Male cable connector, Female cable connector
versions shieldable*



Abisoliermaße
Winkelstecker, Winkeldose,
schirmbare Ausführungen

*Strip measures
Male angled connector, Female angled connector,
versions shieldable*



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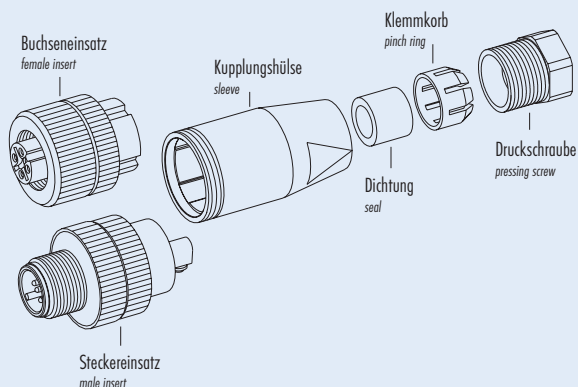
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M-B
M-C

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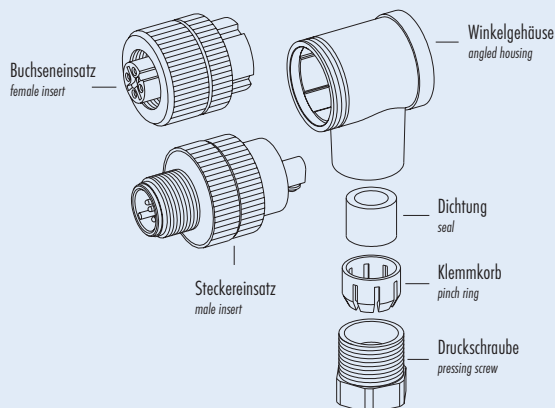
Sensor Steckverbinder Serie 713 (M12x1) Sensor connectors series 713 (M12x1)

Einzelteildarstellung Component part drawing

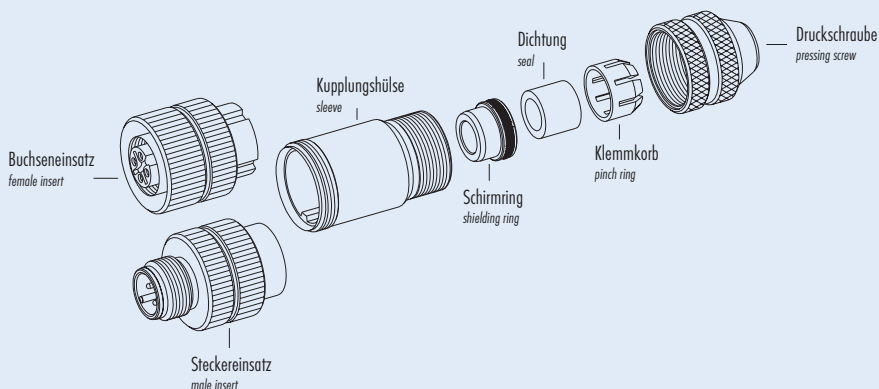
Kabelsteckverbinder nicht schirmbar
Cable connector *not shieldable*



Winkelsteckverbinder nicht schirmbar
Angled connector *not shieldable*



Kabelsteckverbinder schirmbar
Cable connector *shieldable*



Winkelsteckverbinder schirmbar
Angled connector *shieldable*

