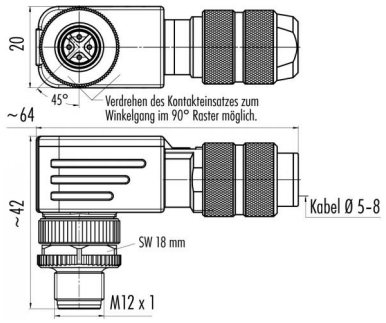
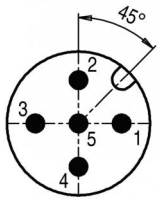
Product	Male angled connector shieldable, with wire clamp connection, iris type spring, with Diecasted Zinc Thread Ring	Pole	5
Area	M12 connectors A-Coding	serie 713	Article number	99 1539 824 05

illustration

scale drawing



Contact Arrangement



	X	Y
1	2,50	0,00
2	0,00	2,50
3	–2,50	0,00
4	0,00	–2,50
5	0,00	0,00

You can find the item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Male angled cable connector
Connector locking system	Screw
Termination	wire clamp
Wire gauge (mm)	0,50 mm²
Wire gauge (AWG)	20
Cable outlet	5 - 8 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>100 mating cycles

Material

Material of contact	CuSn (bronce)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	zinc diecasting, nickel plated, PBT

Cable data

Contacts 5: cable outlet: 6-8 mm, Male angled connector shieldable, with wire clamp connection, iris type spring, with Diecasted Zinc Thread Ring

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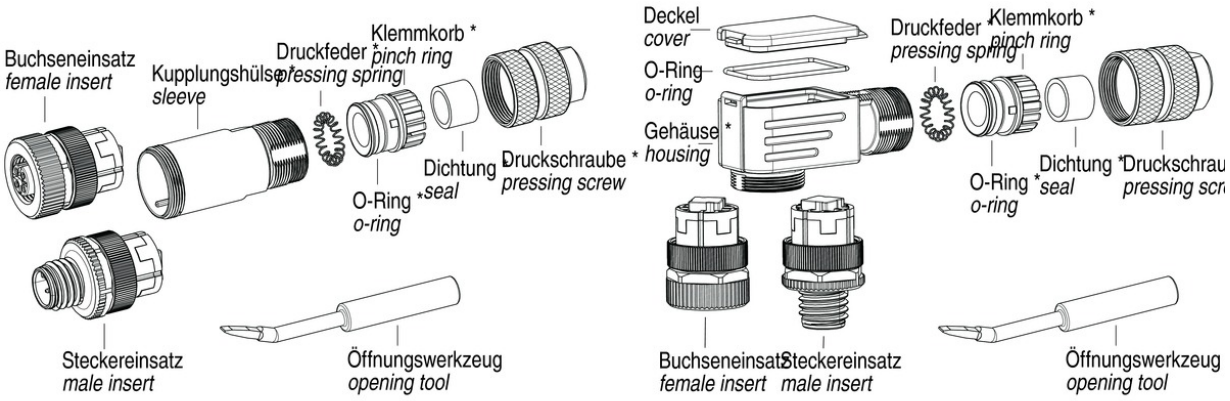
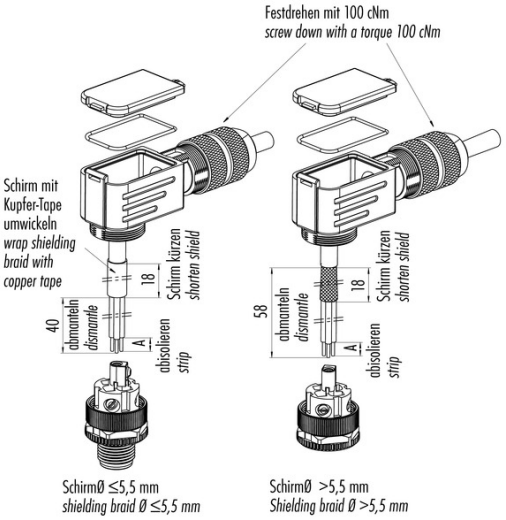
Item description



* Teile vormontiert
Premounted parts

Installation instructions / Mounting cutout



Schirmdurchmesser ≤5,5 mm

1. Gehäuse auf Kabel auffädeln.
2. Abmanteln, abisolieren, Schirm kürzen, Schirm auf Kabelmantel umschlagen und mit Kupfer-Tape umwickeln.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

Shield- diameter ≤5,5 mm

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid, revert to cable jacket and wrap it with copper tape.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

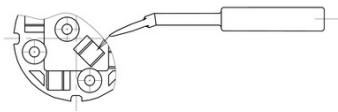
Schirmdurchmesser >5,5 mm

1. Gehäuse auf Kabel auffädeln.
2. Abmanteln, abisolieren, Schirm kürzen.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

Shield- diameter >5,5 mm

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

	Schraubklemmversion *screw connection*	Käfigzugfederversion *wire clamp connection*
Maß A/mm *measure A/mm*	**5**	**7**



Öffnungswerkzeug für Käfigzugfederversion
opening tool for wire clamp connection