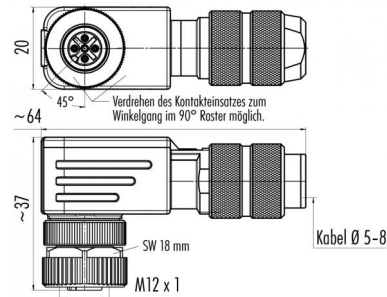


Product	Female angled connector, shieldable, screw termination, iris type spring, with Diecasted Zinc Thread Ring	Pole	4
Area	M12 connectors A-Coding	Article number	99 1432 824 04
	serie 713		

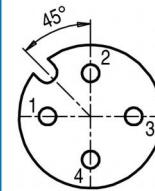
illustration



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

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

Technical data

Common values

Connector Design	Female angled cable connector
Connector locking system	Screw
Termination	screw
Wire gauge (mm)	0,75 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	5 - 8 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	zinc diecasting, nickel plated

Cable data

Contacts 4: cable outlet: 5-8 mm, Female angled connector, shieldable, screw termination, iris type spring, with Diecasted Zinc Thread Ring

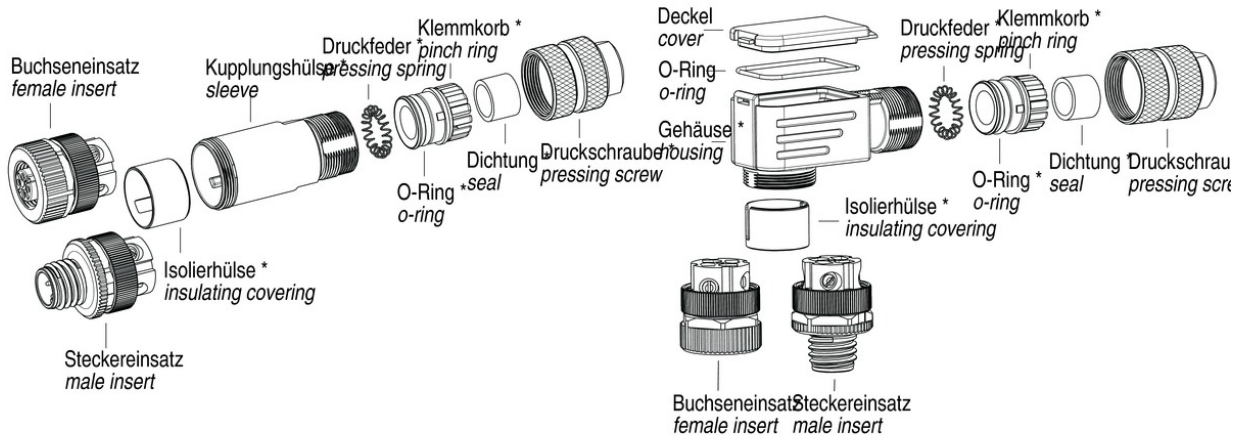
Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 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



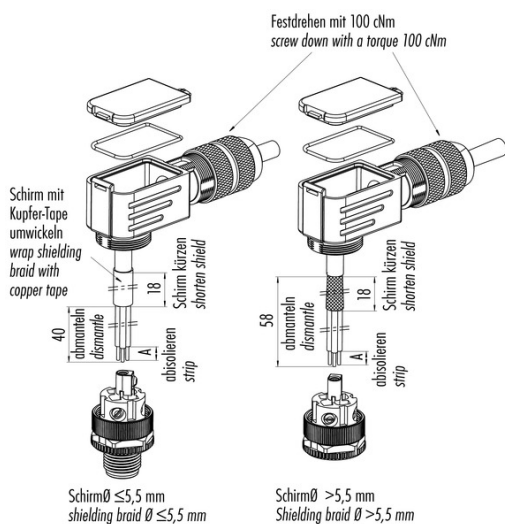
Product	Female angled connector, shieldable, screw termination, iris type spring, with Diecasted Zinc Thread Ring	Pole	4
Area	M12 connectors A-Coding	serie 713	Article number 99 1432 824 04

Item description



\* Teile vormontiert  
Premounted parts

Installation instructions / Mounting cutout



Shield diameter  $\leq 5,5$  mm  
Shielding braid  $\leq 5,5$  mm

Shield diameter  $> 5,5$  mm  
Shielding braid  $> 5,5$  mm

Shield diameter  $\leq 5,5$  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  $\leq 5,5$  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.

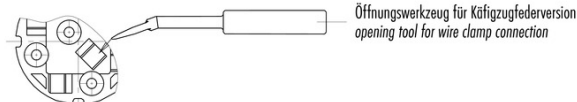
Shield diameter  $> 5,5$  mm

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.

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



Öffnungswerkzeug für Käfigzugfederversion  
opening tool for wire clamp connection