



E. HARTNER&CO



Snap-in

Angled Connectors

720 Series



Snap-in IP67

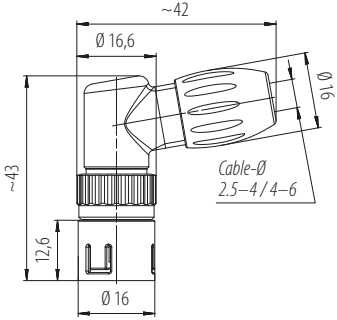
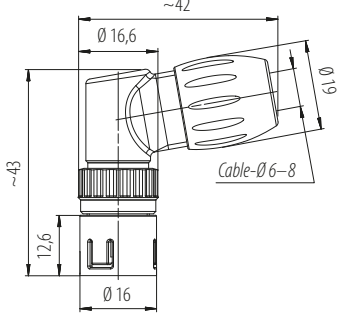
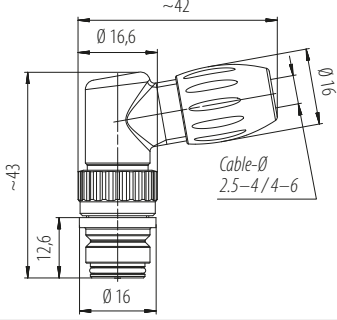
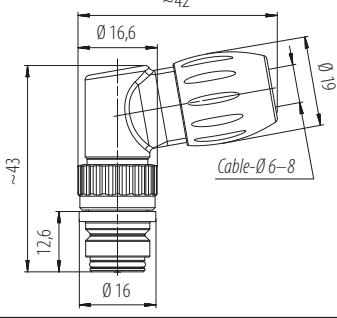
Series	720
Contacts	3, 5, 8, 12 contacts
Rated current	2–7 A
Rated voltage	60–250 V
Cable outlet	2,5–8 mm
Degree of protection	IP67 in mated condition
Contact plating	Au (gold)
Termination	solder

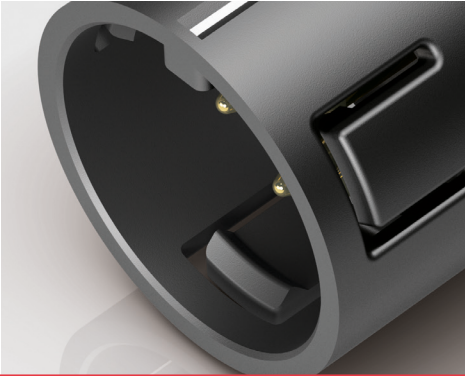


720 Series • Angled Connectors with Snap-in Locking

- Product launch of angled connectors with snap-in locking 720 series
 - 100° angle for better mounting
 - Rotation possibility 90° (4 coding possibilities)
 - Cable outlet angled connectors 2,5 – 8 mm
 - Solder contacts
- IP67 in mated condition
 - Coloured contact insert and completely grey-white on request
 - > 500 mating cycles
 - Snap-in locking
 - Available



Description	Drawing	Contacts	Cable-Ø	Ordering-No.
Male angled connector		3 5 8 12 3 5 8 12	2,5-4 mm 4-6 mm	99 9155 03 03 99 9163 03 05 99 9175 03 08 99 9183 03 12 99 9155 00 03 99 9163 00 05 99 9175 00 08 99 9183 00 12
Male angled connector		3 5 8 12	6-8 mm	99 9155 02 03 99 9163 02 05 99 9175 02 08 99 9183 02 12
Female angled connector		3 5 8 12 3 5 8 12	2,5-4 mm 4-6 mm	99 9156 03 03 99 9164 03 05 99 9176 03 08 99 9184 03 12 99 9156 00 03 99 9164 00 05 99 9176 00 08 99 9184 00 12
Female angled connector		3 5 8 12	6-8 mm	99 9156 02 03 99 9164 02 05 99 9176 02 08 99 9184 02 12



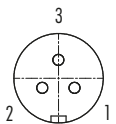
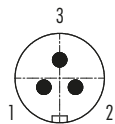
Contacts	3	5	8	12
Connector locking system	snap-in			
Termination	solder			
Wire gauge	max. 0,75 mm² (max. AWG 18)		max. 0,25 mm² (max. AWG 24)	
Cable outlet	2,5–4 mm, 4–6 mm, 6–8 mm			
Degree of protection	IP67			
Mechanical operation	> 500 mating cycles			
Upper temperature	+ 85 °C			
Lower temperature	– 25 °C			
Rated voltage	250 V	125 V	125 V	60 V
Rated impulse voltage	2500 V	1500 V	1500 V	800 V
Pollution degree	2			
Overvoltage categorie	II			
Material group	II			
Rated current (40 °C)	7 A	5 A	2 A	
Material of contact	CuZn (brass)			
Contact plating	Au (gold)			
Material of contact body	PA			
Material of housing	PA			
Material of locking	—			

Contact arrangements

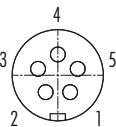
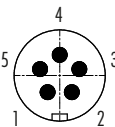
Male insert (mating side)

Female insert (mating side)

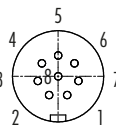
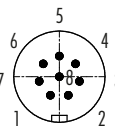
3 contacts



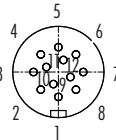
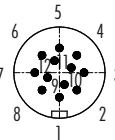
5 contacts



8 contacts



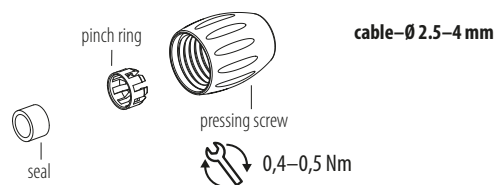
12 contacts



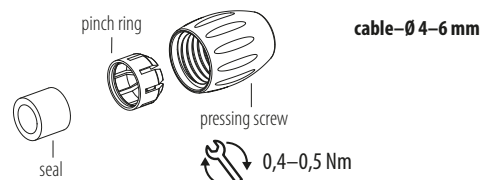
Angled connectors, solder termination

1. Bead angled housing, seal, pinch ring and pressing screw to cable.
2. Dismantle cable to 15 mm length.
3. Strip and connect single wires.
4. Insert assembled contact insert into the angled housing and screw it with the threaded ring.
5. Push seal and pinch ring into the angled housing and tighten it with the pressing screw.

angled housing assembled with threaded ring

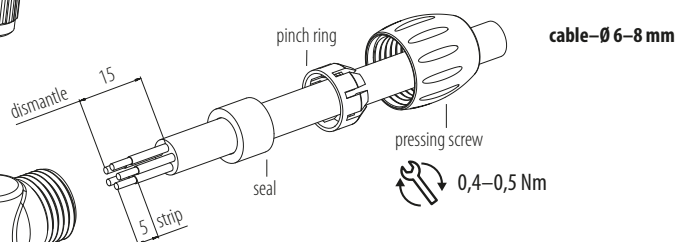


angled housing assembled with threaded ring

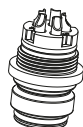


angled housing assembled with threaded ring

0,4 Nm



female insert



male insert

