

UTS Series

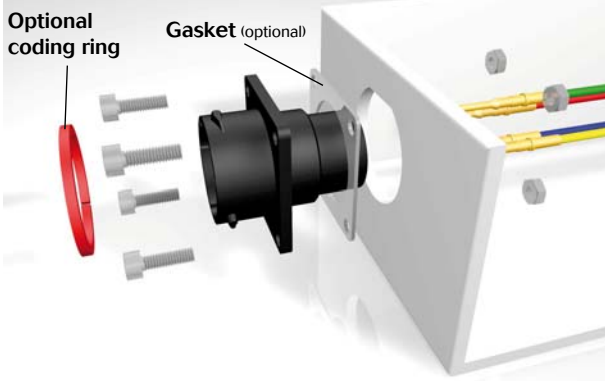
Technical information



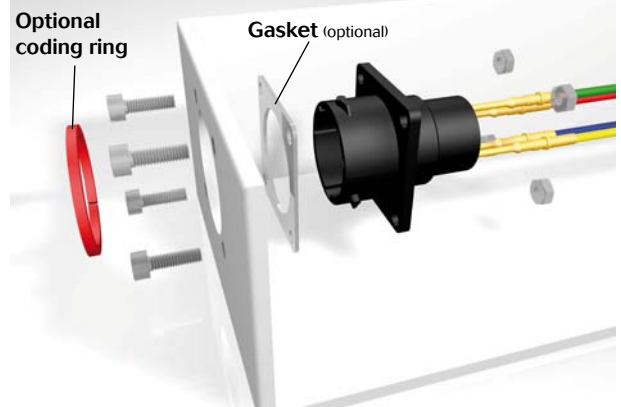
UTS Ø assembly (mounting suggestion)

- Strip wires, crimp or solder contacts
- Insert contacts into connector cavities (insert manually or use tool RTM205 crimp contacts only)
- Place receptacle in the panel cut-out, with optional gasket
- Secure receptacle with screws (not supplied)

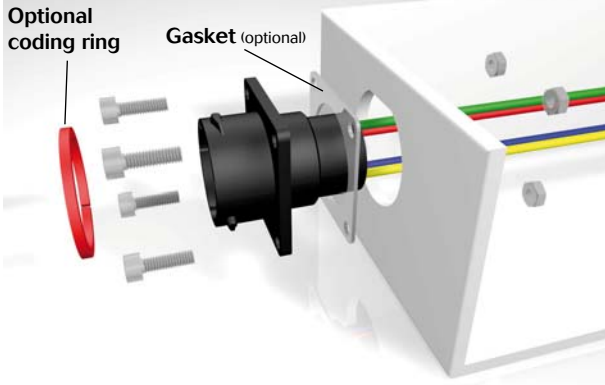
Front mounting : Crimp version



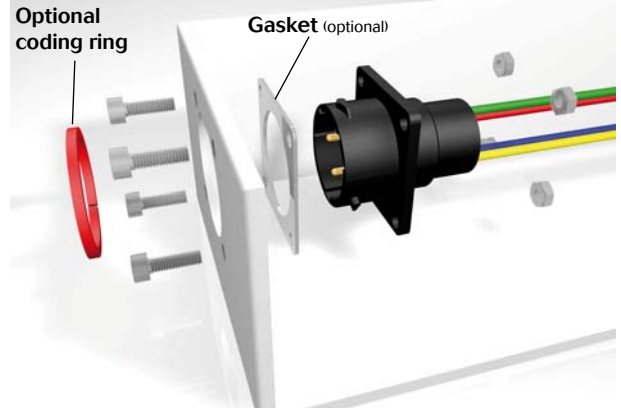
Rear mounting : Crimp version



Front mounting : Solder version

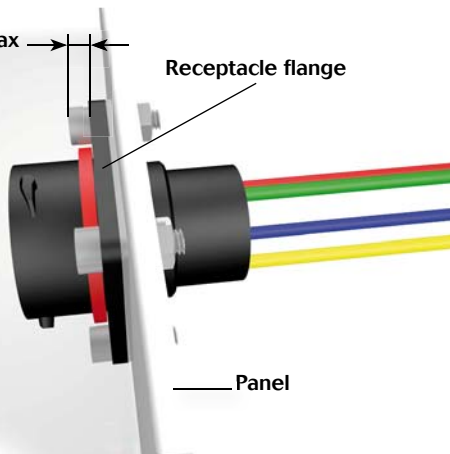


Rear mounting : Solder version



3mm max

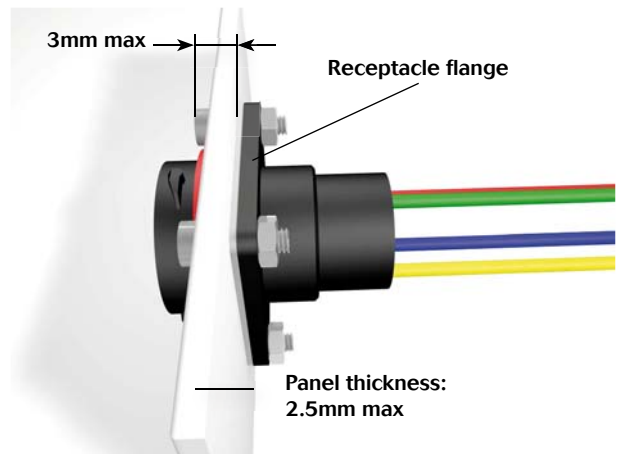
Receptacle flange



Panel

3mm max

Receptacle flange



Panel thickness:
2.5mm max

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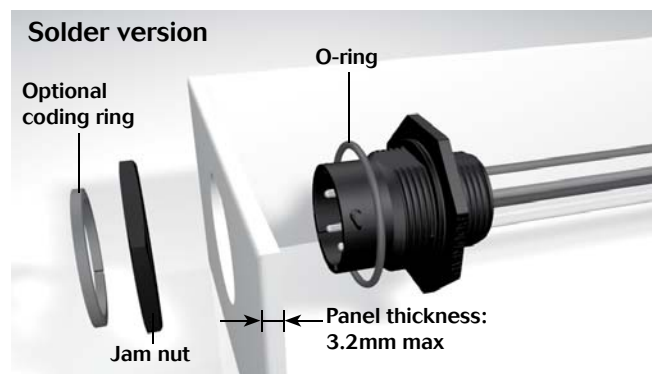
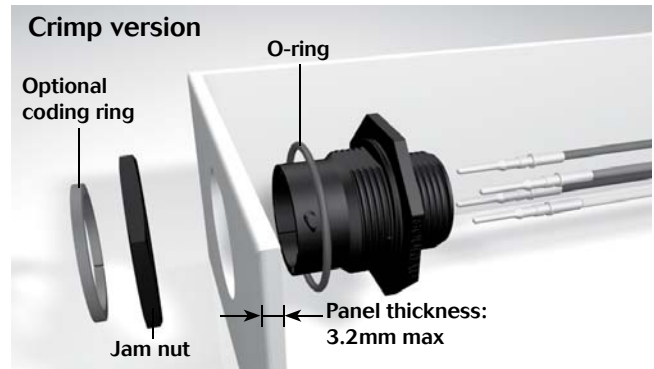
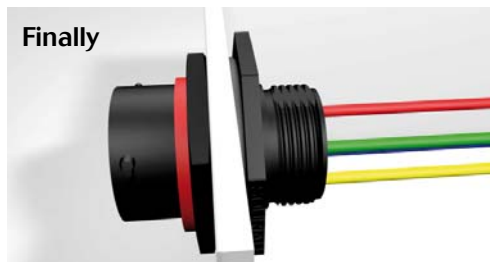
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UTS 7 assembly (mounting suggestion)

- Strip wires, crimp or solder contacts
- Insert contacts into connector cavities (insert manually or use tool RTM205 crimp contacts only)
- Seat o-ring, place receptacle in the panel cut-out
- Tighten jam nut

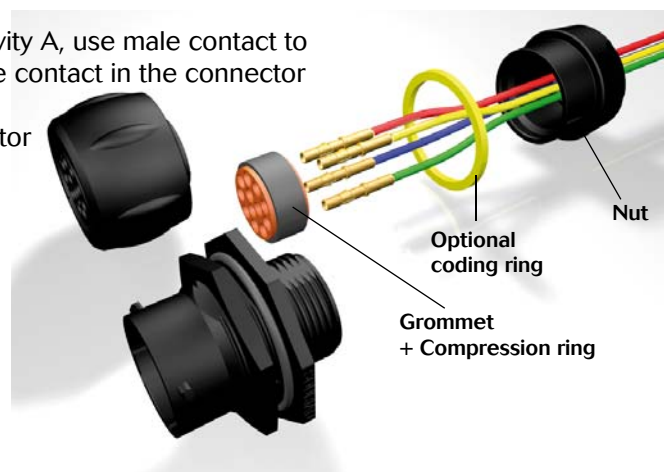
Shell size	Jam nut torque (Nm)	Tool tightening	Ø Wire	
			Standard version	Discrete wire sealing
8	1.5	19.05	3.2 mm max.	from 1.7 mm to 3.0 mm
10	3	22.25		
12	4	27.15		
14	5	30.19		
18	5	36.5		



UTS 6 GN / UTS 7 GN assembly

- Slide accessories on the cable (make sure to keep compression ring on the grommet)
- Strip wires and crimp contacts
- Insert first contact into the grommet (first contact in cavity A, use male contact to pierce the grommet, no tool is required), then insert the contact in the connector cavity A (insert manually or use tool RTM205)
- Place the grommet and compression ring on the insulator
- Insert the other contacts
- Tighten nut (recommended torque: see note)

Shell size	Nut tightening torque (Nm)	Ø Wire
10	1	from 1.7 mm to 3.0 mm
12	1.5	
14	1.5	

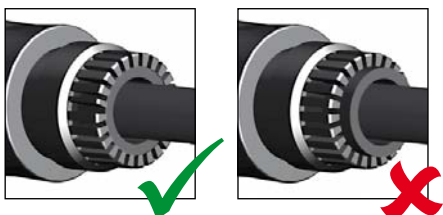




Assembly instruction

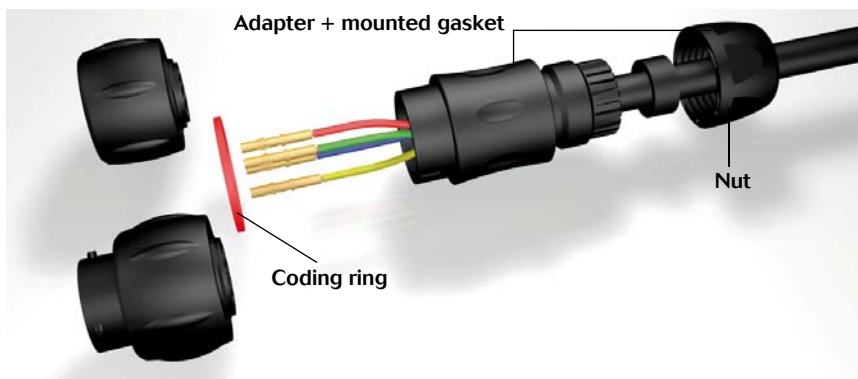
UTS 1 JC / UTS 6 JC assembly: Crimp version

- Slide accessories on the cable



Make sure the seal is positioned as shown.

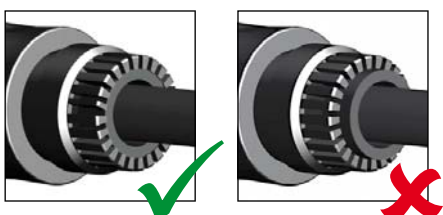
- Strip external cable jacket
- Strip wires and crimp contacts
- Insert contacts into connector cavities (insert manually or use tool RTM205)
- Tight adapter with plug, choose right seal (waste the other seal), tight nut with adapter (recommended torque values to be applied according to the table - right)
- Caution: only one of both delivered gasket should be used !



Shell size	Recommended jacket strip length (mm)		Adapter tightening torque (Nm)	Nut tightening torque (Nm)	Ø Cable range Standard seal	Ø Cable range Reducing seal	Ø Wire
	Male	Female					
10	21	29	1.5	2	2.5/8.0	1.5/5.0	3.2 mm max.
12	25	33	2	2.5	5.0/12.0	3.0/9.0	
14	29	36	3	2.5	7.0/14.0	5.0/12.0	
18	37	45	4	3.5	9.0/18.0	7.0/16.0	

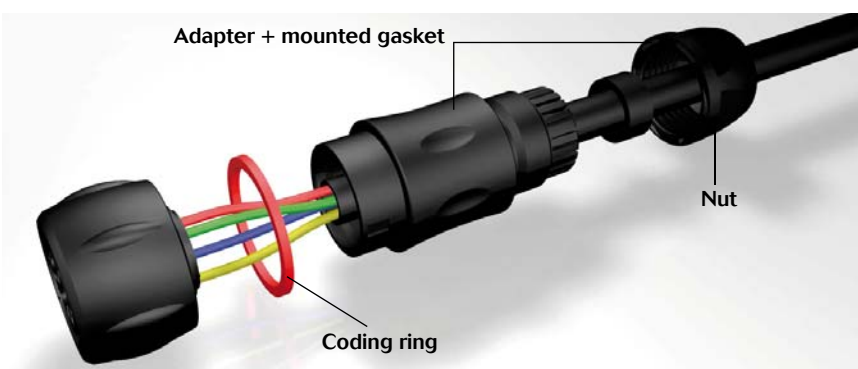
UTS 6 JC assembly: Solder version

- Slide accessories on the cable



Make sure the seal is positioned as shown.

- Strip external cable jacket
- Strip wires and solder contacts
- Tight adapter with plug, choose right seal (waste the other seal), tight nut with adapter (recommended torque values to be applied according to the table - right)
- Caution: only one of both delivered gasket should be used !



Shell size	Recommended jacket strip length (mm)		Adapter tightening torque (Nm)	Nut tightening torque (Nm)	Ø Cable range Standard seal	Ø Cable range Reducing seal	Ø Wire
	Male	Female					
8	17		1	0.75	2.5/6.5	1.5/5.0	3.2 mm max.
10	21		1.5	2	2.5/8.0	1.5/5.0	
12	25		2	2.5	5.0/12.0	3.0/9.0	
14	29		3	2.5	7.0/14.0	5.0/12.0	

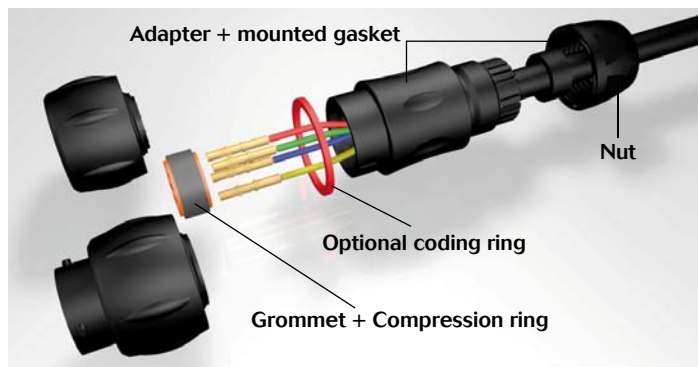
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UTS 1 GJC / UTS 6 GJC assembly

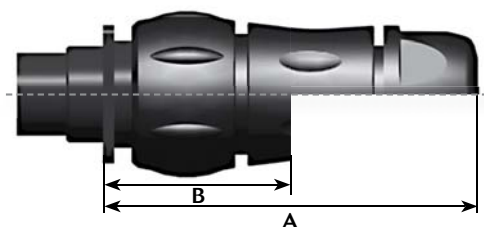
- Slide accessories on the cable (make sure to keep compression ring on the grommet)
- Strip external cable jacket
- Strip wires and crimp contacts
- Insert first contact into the grommet (first contact in cavity A, the contact pierces the grommet, no tool is required), then insert the contact in the connector cavity A (insert manually or use tool RTM205)
- Place the grommet and compression ring on the insulator
- Insert the other contacts
- Tight adapter with plug, choose right seal (waste the other seal), tight nut with adapter (recommended torque values to be applied according to the table - right).



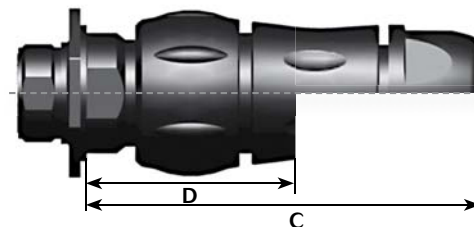
Shell size	Recommended jacket strip length (mm)		Adapter tightening torque (Nm)	Nut tightening torque (Nm)	Ø Cable range Standard seal	Ø Cable range Reducing seal	Ø Wire
	Male	Female					
10	21	29	1.5	2	2.5/8.0	1.5/5.0	from 1.7 mm to 3.0 mm
12	25	33	2	2.5	5.0/12.0	3.0/9.0	
14	29	36	3	2.5	7.0/14.0	5.0/12.0	

Mated connector length

UTS0 + UTS6



UTS7 + UTS6



Shell size	UTS0 + UTS6 EN JC & CJC	UTS0 + UTS6 EN GN	UTS7 + UTS6 EN JC & CJC	UTS7 + UTS6 EN GN
	A max	B max	C max	D max
8	61.1	-	66.6	-
10	73.2	39.6	77.3	43.7
12	77.6	39.4	81.7	43.5
14	83.5	40	87.6	44.1
18	93.1	-	97.2	-

Note: all dimensions are in mm