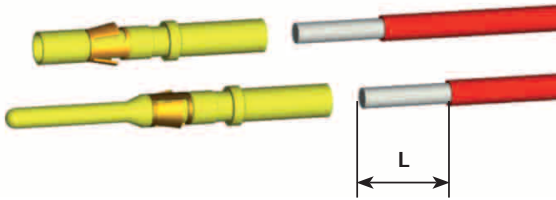




Assembly instruction

Wire stripping



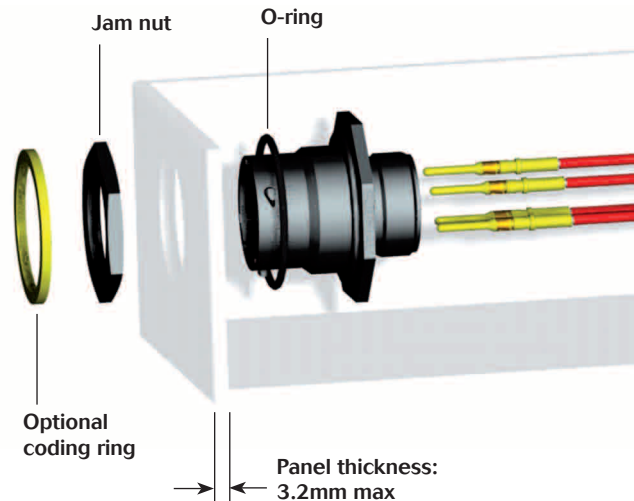
Part number		Stripping length L (mm)
Male	Female	
Screw contacts		
Contact delivered with connector		5.8
Power contacts #12		
8291 1457 -	8291 1456 -	7 to 8
8291 1459 -	8291 1458 -	
8291 1461 -	8291 1460 -	
8291 1463 -	8291 1462 -	
8291 1465 -	8291 1464 -	
8291 1467 -	8291 1466 -	
Power contacts #8		
8291 3601 -	8291 3600 -	6.5 to 7.5
8291 3603 -	8291 3602 -	
8291 3605 -	8291 3604 -	
8291 3607 -	8291 3606 -	
8291 3609 -	8291 3608 -	

Part number		Stripping length L (mm)
Male	Female	
Machined contact #16		
RM28M1- RM24M9- RM20M13- RM20M12-	RC28M1- RC24M9- RC20M13- RC20M12-	4.8
RM16M23- RM14M50- RM14M30-	RC16M23- RC14M50- RC14M30-	7.1
Stamped & formed contact #16		
SM24M1- SM24ML1- SM20M1- SM20ML1-	SC24M1- SC24ML1- SC20M1- SC20ML1-	4
SM16M1- SM16ML1-	SC16M1- SC16ML1-	6.35
SM16M11- SM16ML11-	SC16M11- SC16ML11-	4.65
SM14M1- SM14ML1-	SC16M11- SC16ML11-	6.35
Machined contacts #20		
RM24W3- RM20W3- RM18W3-	RC24W3- RC20W3- RC18W3-	4.8
Stamped & formed contact #20		
SM24W3- SM24WL3- SM20W3- SM20WL3-	SC24W3- SC24WL3- SC20W3- SC20WL3-	4

UTS 7 assembly (mounting suggestion)

- Strip wires, crimp contacts
- Insert contacts into connector cavities (insert manually or use tool RTM205)
- 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		

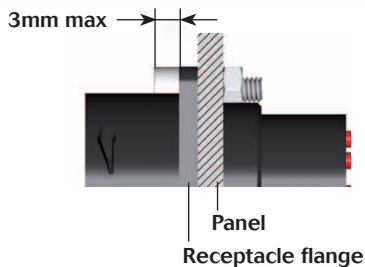
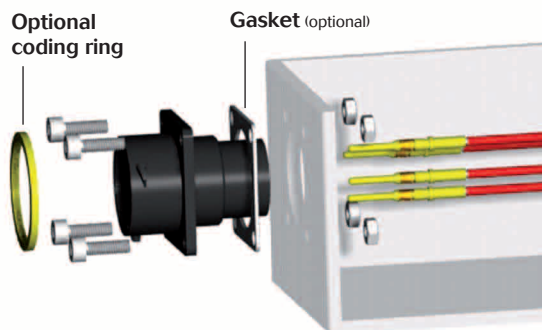




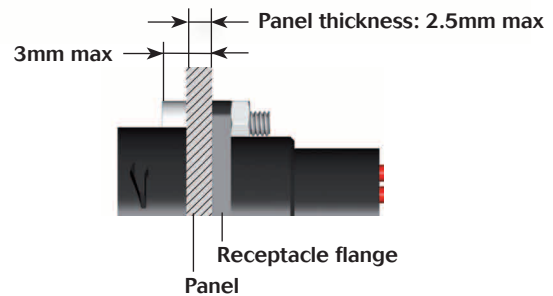
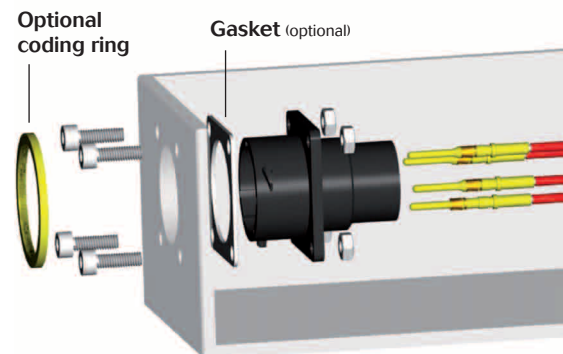
UTS 0 assembly (mounting suggestion)

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

Front mounting



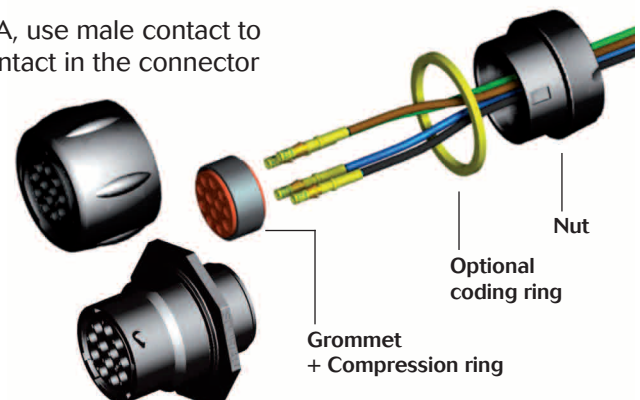
Rear mounting



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	

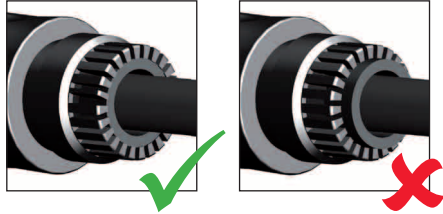




Assembly instruction

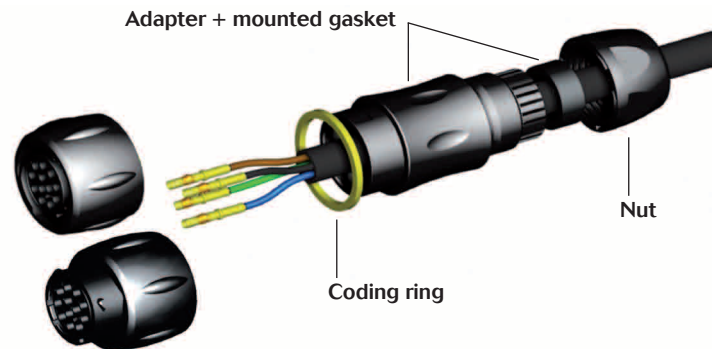
UTS 1 JC / UTS 6 JC assembly

- Slide accessories on the cable



Make sure the seal is positioned as shown.

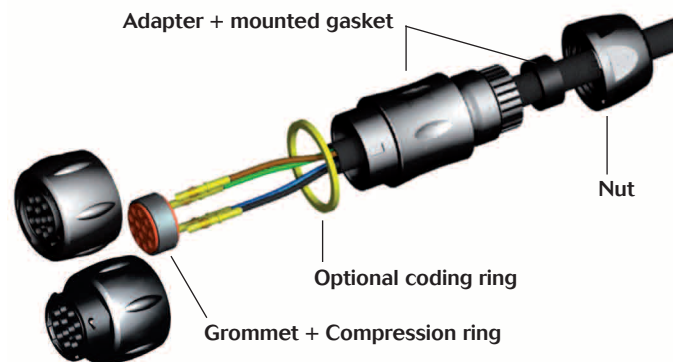
- Strip external cable jacket
- Strip wires and crimp contacts
- Insert contacts into connector cavities (insert manually or use tool RTM205)
- Tight adapter with plug, choose right seal (waiste other seal), tight nut with adapter (recommended torque values to be applied according to the table - right)
- 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)	(25)	1	0.75	2.5/6.5	1.5/5.0	3.2 mm max.
10	21	29	1.5	2	2.5/8.0	1.5/5.0	
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 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 (waiste 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					
8	(17)	(25)	1	0.75	2.5/6.5	1.5/5.0	from 1.7 mm to 3.0 mm
10	21	29	1.5	2	2.5/8.0	1.5/5.0	
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	