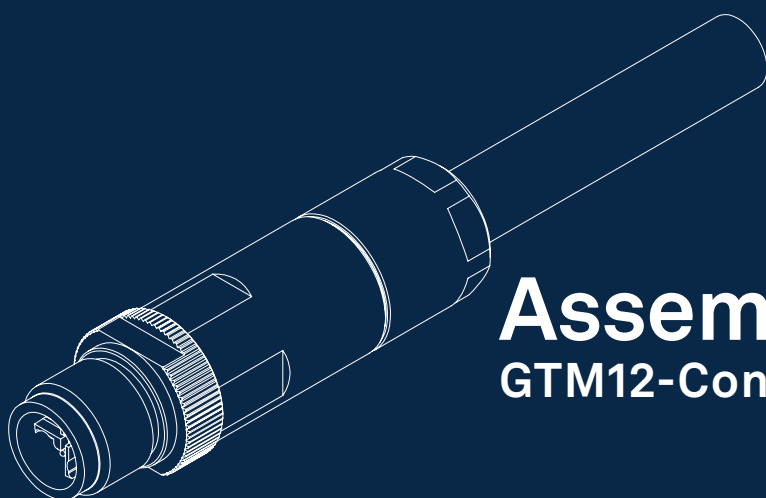


GIMOTA



Assembly instructions

GTM12-Connectors

Assembly instructions

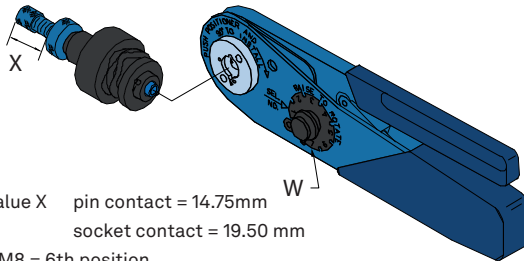
GTM12-2/3/4/5-pole A-coded, male

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.

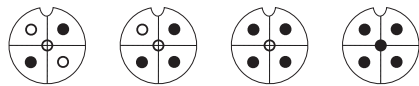


Positioning adaptor value X pin contact = 14.75mm
socket contact = 19.50 mm

Selector W on GIW-AFM8 = 6th position.

Push adapter (4) on to the cable. **[Figure d]**

Snap the contacts into the contact carrier (5) as shown in the table below. **[Figure e]**



Contacts	Cavity
Contact 1	A
Contact 2	B
Contact 3	C
Contact 4	D
Contact 5	E



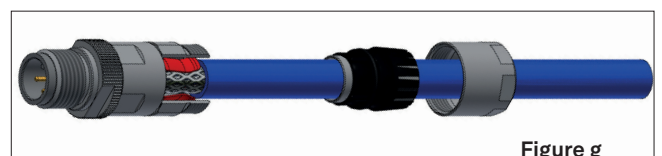
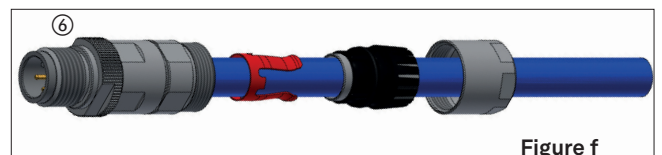
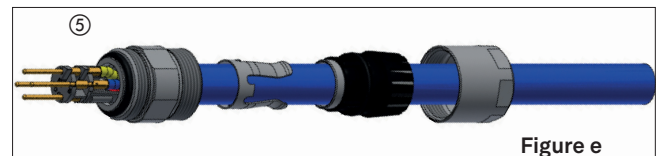
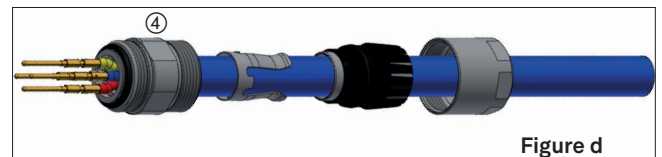
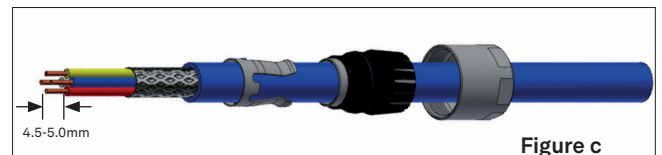
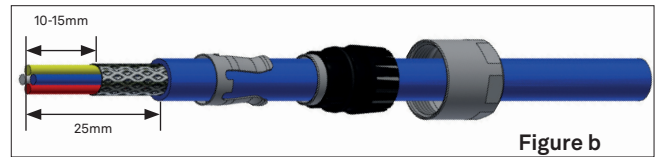
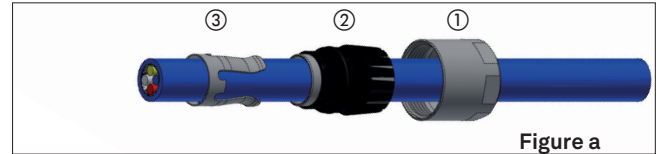
Insert the pre-assembled cable with the contact carrier - in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

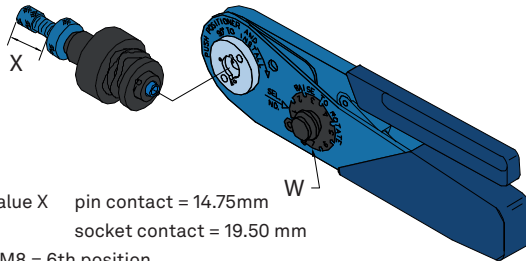
GTM12-2/3/4/5-pole A-coded, female

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.

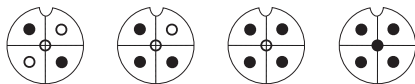


Positioning adaptor value X pin contact = 14.75mm
socket contact = 19.50 mm

Selector W on GIW-AFM8 = 6th position.

Push adapter (4) on to the cable. **[Figure d]**

Snap the contacts into the contact carrier (5) as shown in the table below. **[Figure e]**



Contacts	Cavity
Contact 1	B
Contact 2	A
Contact 3	D
Contact 4	C
Contact 5	E



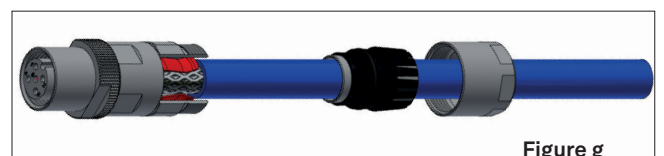
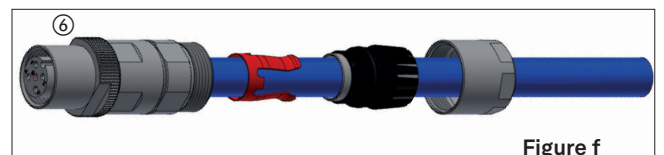
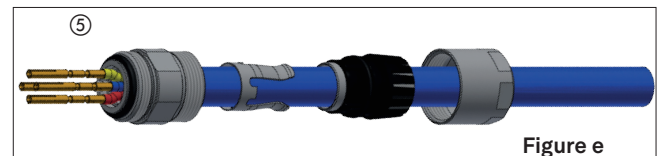
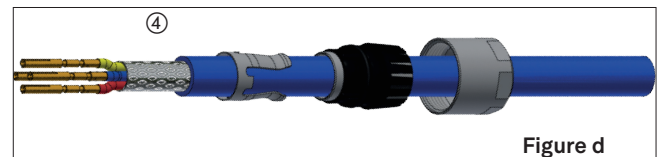
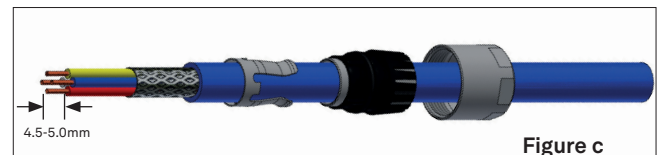
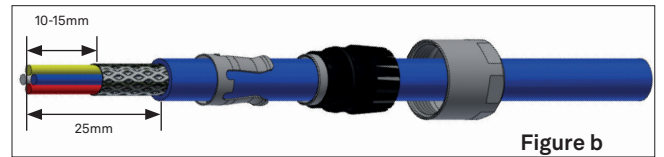
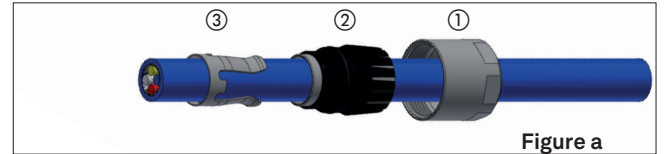
Insert the pre-assembled cable with the contact carrier - in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

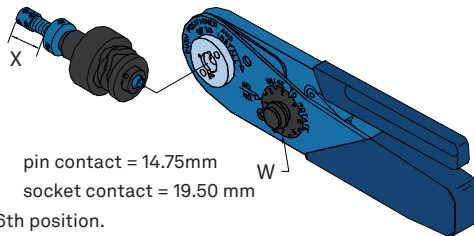
GTM12-2/3/4/5-pole A-coded, male, 100°

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

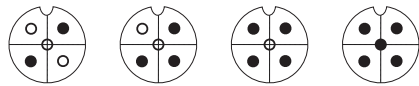
Strip off the cable insulation sheath by 38 mm. Cut the metal shielding braid for 20 mm. **[Figure b]**

Push the 100° angle adapter over the cable. Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor GIW-AF8M-SK2/2 is recommended.



Snap the contacts into the contact carrier (5) as shown in the table below. **[Figure d]**



Contacts	Cavity
Contact 1	A
Contact 2	B
Contact 3	C
Contact 4	D
Contact 5	E



The cable outlet can be determined by the „feet“ on the angle adapter. **[Figure d¹]** It is important to note that a pre-assembled plug may be turned a maximum of 60° to the left or right. Otherwise the cable will be overtightened and in the worst case the strands will be torn out of the contacts. If more than 60° is required, it is absolutely necessary to loosen the cable gland and reposition the cable beforehand.

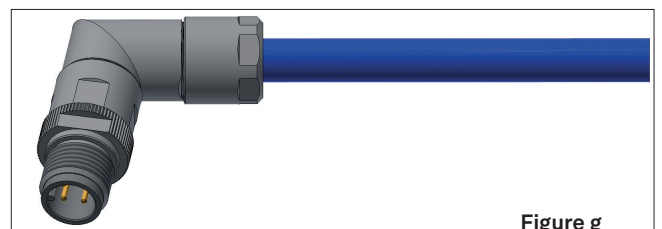
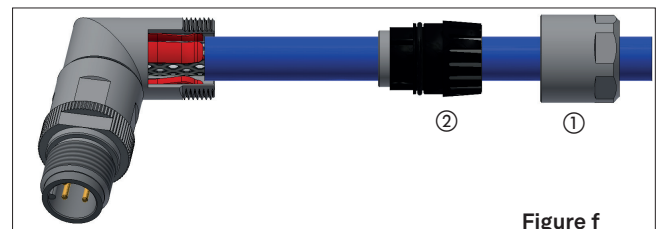
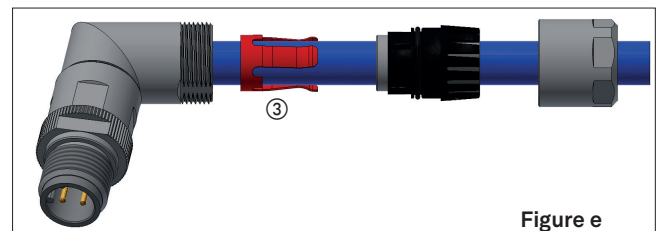
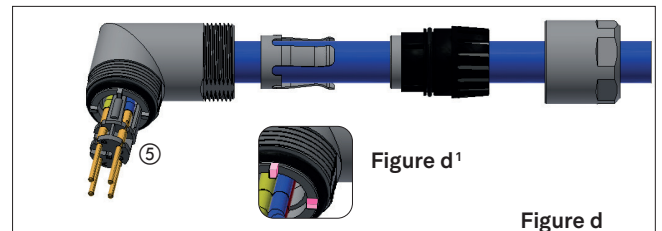
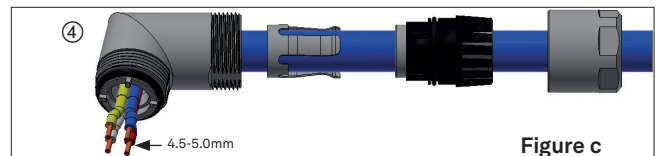
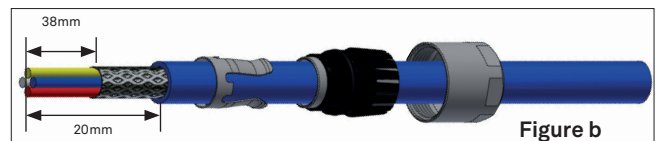
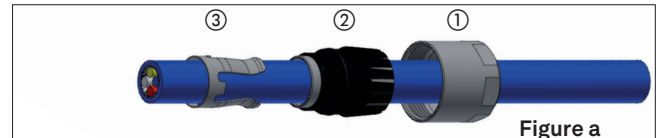
Insert the pre-assembled cable with the contact carrier in compliance with the coding check mark (notch) completely into the M12 module (5). Screw the M12 module on the adapter with a spanner (max. 2.5mm thickness) SW14. (*) The use of the GIMOTA spanner GIW-DM12-MS14 is recommended. **[Figure e]**

Slide the screen contact spring (3) on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure f]**

Fully push the cable gland (2) into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 (1) the coupling nut to the adapter (*). **[Figure g]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

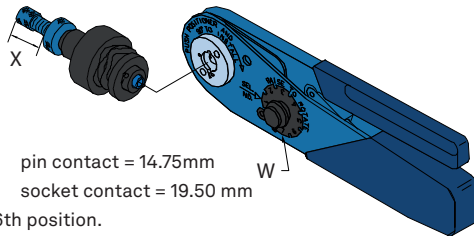
GTM12-2/3/4/5-pole A-coded, female, 100°

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. [Figure a]

Strip off the cable insulation sheath by 38 mm. Cut the metal shielding braid for 20 mm. [Figure b]

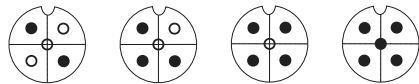
Push the 100° angle adapter over the cable. Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. [Figure c]

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor SK2/2 is recommended.



Positioning adaptor value X pin contact = 14.75mm
socket contact = 19.50 mm
Selector W on GIW-AF8M = 6th position.

Snap the contacts into the contact carrier (5) as shown in the table below. [Figure d]



Contacts	Cavity
Contact 1	B
Contact 2	A
Contact 3	D
Contact 4	C
Contact 5	E



The cable outlet can be determined by the „feet“ on the angle adapter. [Figure d¹] It is important to note that a pre-assembled plug may be turned a maximum of 60° to the left or right. Otherwise the cable will be overtwisted and in the worst case the strands will be torn out of the contacts. If more than 60° is required, it is absolutely necessary to loosen the cable gland and reposition the cable beforehand.

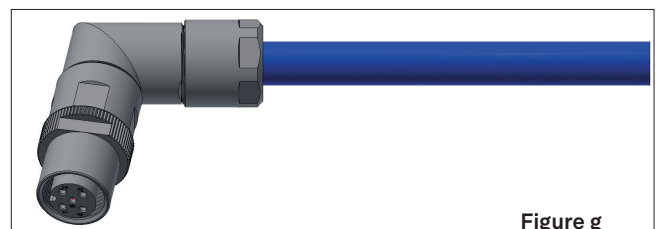
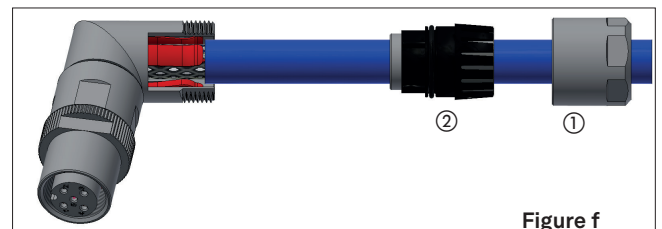
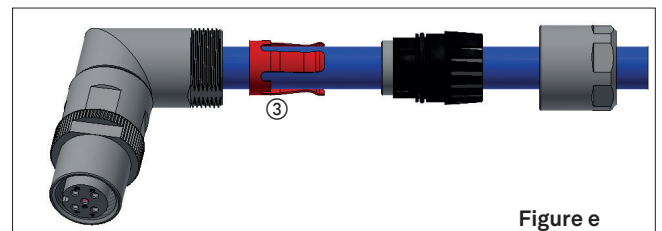
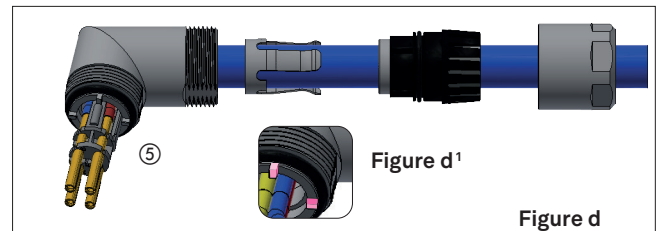
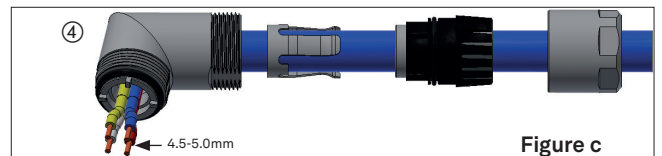
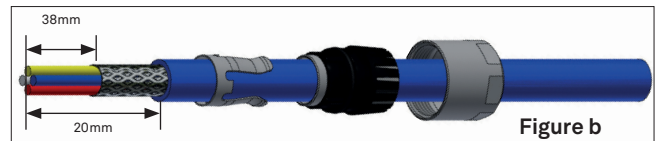
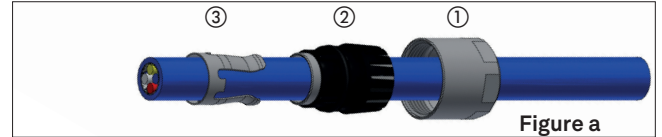
Insert the pre-assembled cable with the contact carrier in compliance with the coding check mark (notch) completely into the M12 module (5). Screw the M12 module on the adapter with a spanner (max. 2.5mm thickness) SW14. (*) The use of the GIMOTA spanner GIW-DM12-MS14 is recommended. [Figure e]

Slide the screen contact spring (3) on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. [Figure f]

Fully push the cable gland (2) into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 (1) the coupling nut to the adapter (*). [Figure g]

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

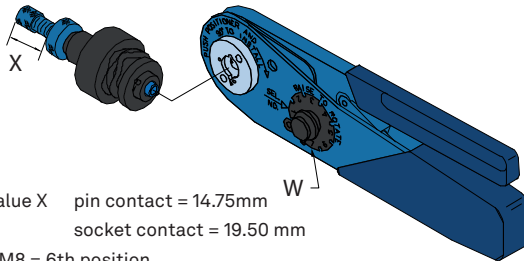
GTM12-8-pole A-coded, male

Überwurfmutter (1), Kabelverschraubung (2) und Schirmfeder (3) auf das Kabel schieben. [Figure a]

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid and aluminium foil for 10 - 15 mm. [Figure b]

Strip the wires to a length of 6.0 - 6.5 mm. The use of the GIMOTA wire stripper GIW_ACK is recommended. [Figure c]

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor GIW-AF8M-SK2/2 is recommended.



Push adapter (4) on to the cable. [Figure d]

Snap the contacts into the contact carrier (5) as shown in the table below. [Figure e]

Contacts	Wire colors acc. TIA 568B
Contact 1	blue / white
Contact 2	brown / white
Contact 3	brown
Contact 4	orange
Contact 5	green / white
Contact 6	orange / white
Contact 7	blue
Contact 8	green



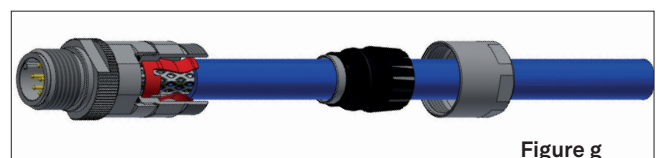
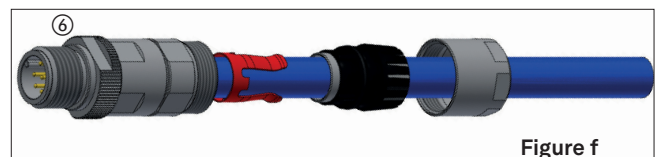
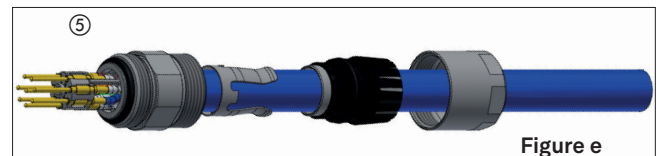
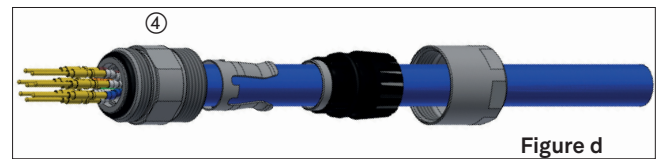
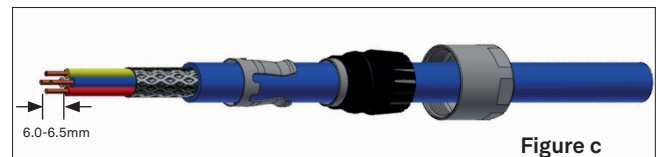
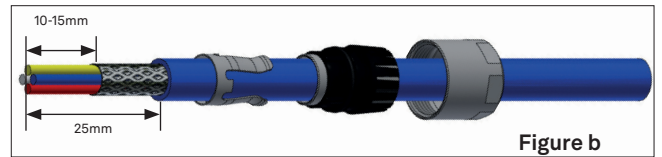
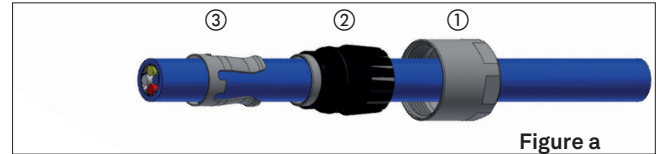
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) - fully into the M12-front-module (5) and screw it on the adapter (*). [Figure f]

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. [Figure g]

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw the coupling nut to the adapter (*). [Figure h]

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

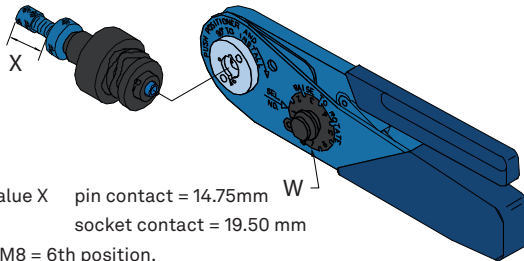
GTM12-4-pole D-coded, male

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

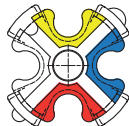
Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.



Push adapter (4) on to the cable. **[Figure d]**

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Belegung	PNO-PROFINet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

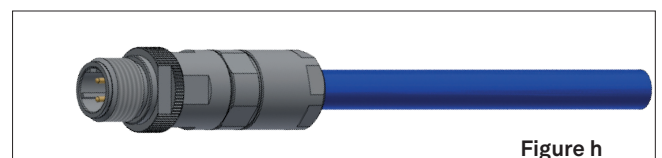
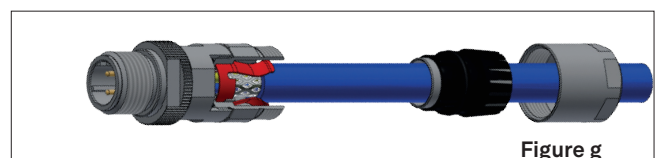
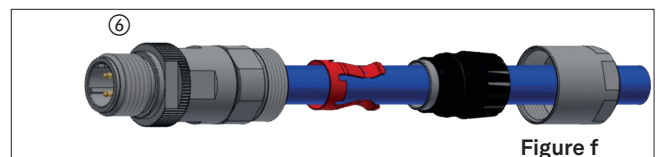
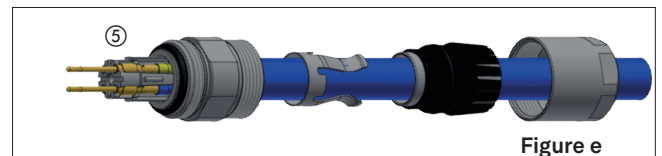
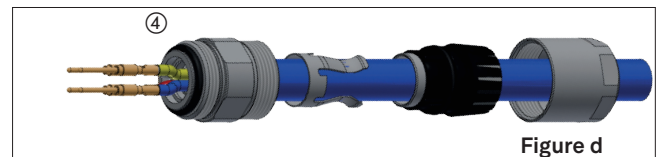
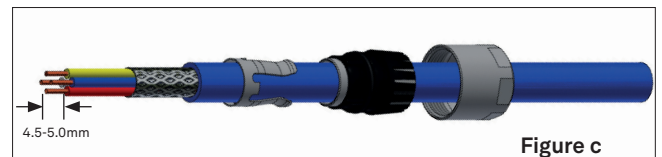
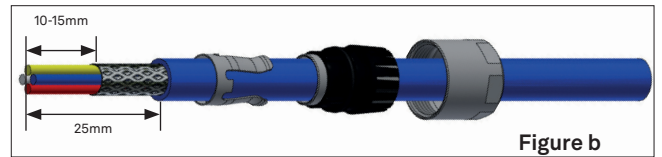
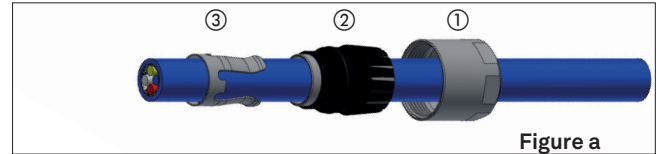
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

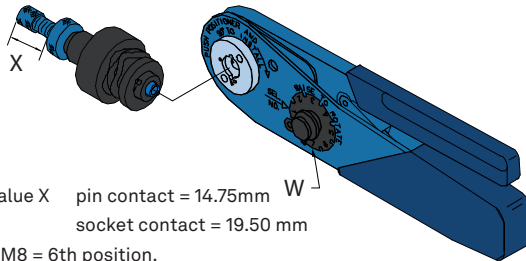
GTM12-4-pole D-coded, female

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

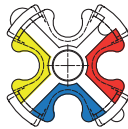
Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.



Push adapter (4) on to the cable. **[Figure d]**

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Belegung	PNO-PROFInet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

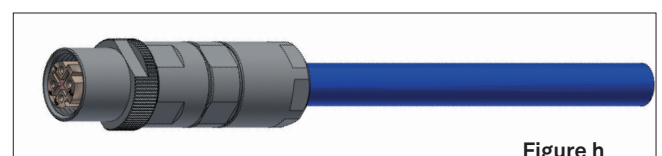
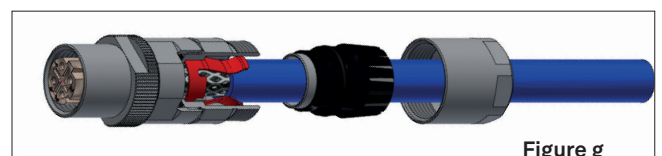
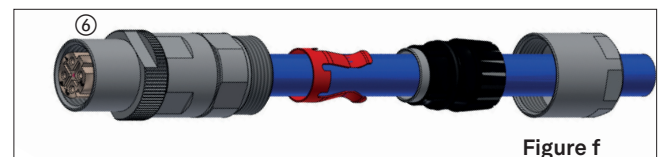
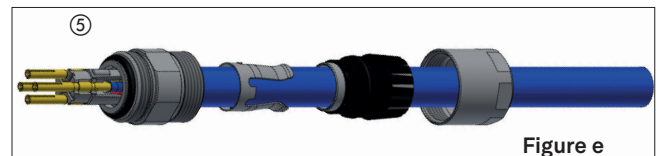
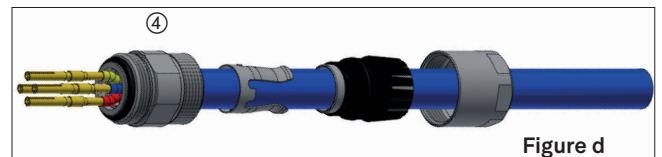
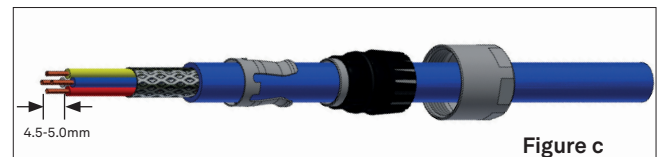
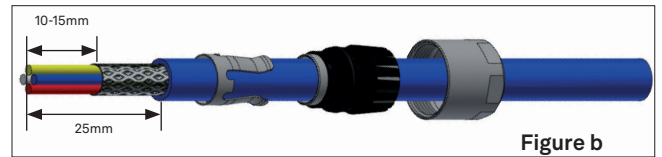
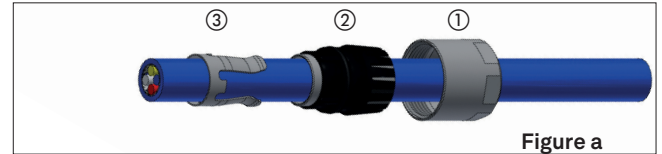
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

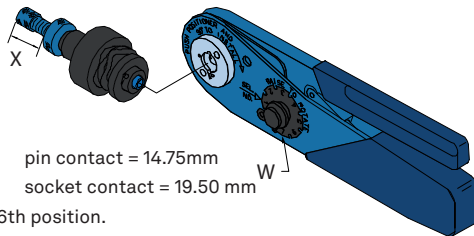
GTM12-4-pole D-coded, male, 100°

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

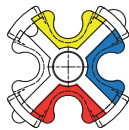
Strip off the cable insulation sheath by 38 mm. Cut the metal shielding braid for 20 mm. **[Figure b]**

Push the 100° angle adapter over the cable. Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor GIW-AF8M-SK2/2 is recommended.



Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure d]**



Contacts	Belegung	PNO-PROFINet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

The cable outlet can be determined by the „feet“ on the angle adapter. **[Figure d¹]** It is important to note that a pre-assembled plug may be turned a maximum of 60° to the left or right. Otherwise the cable will be overtwisted and in the worst case the strands will be torn out of the contacts. If more than 60° is required, it is absolutely necessary to loosen the cable gland and reposition the cable beforehand.

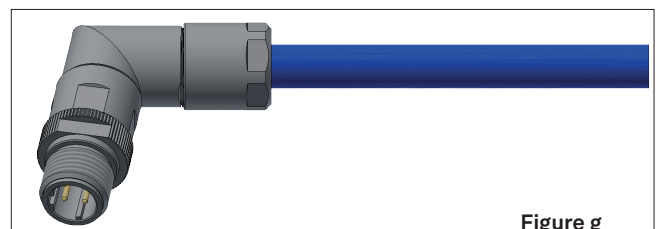
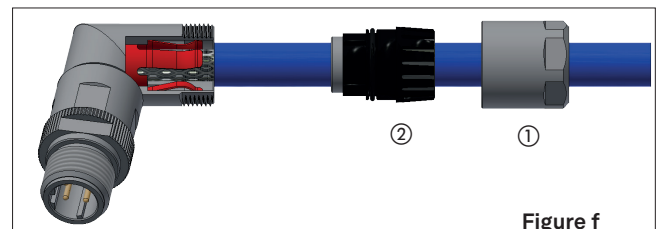
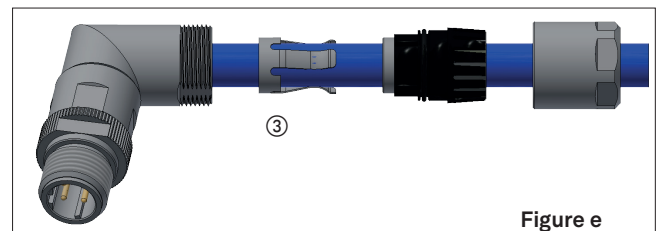
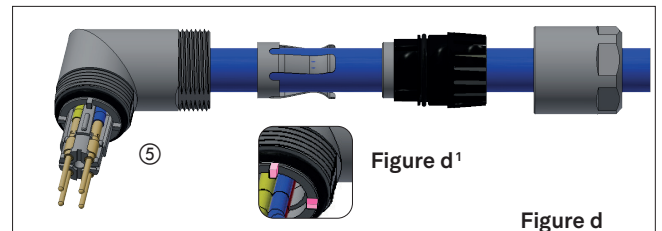
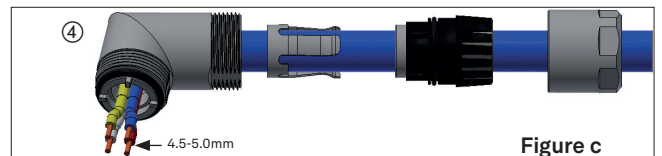
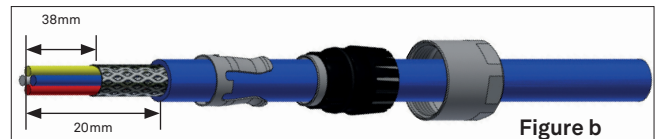
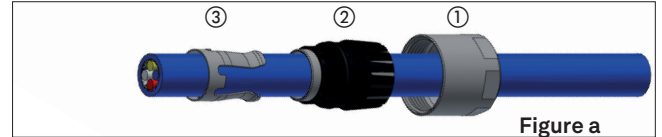
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) completely into the M12 module (5). Screw the M12 module on the adapter with a spanner (max. 2.5mm thickness) SW14. (*) The use of the GIMOTA spanner GIW-DM12-MS14 is recommended. **[Figure e]**

Slide the screen contact spring (3) on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure f]**

Fully push the cable gland (2) into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 (1) the coupling nut to the adapter (*). **[Figure g]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

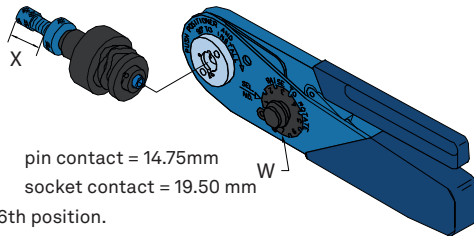
GTM12-4-pole D-coded, female, 100°

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 38 mm. Cut the metal shielding braid for 20 mm. [Figure b]

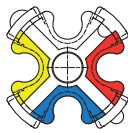
Push the 100° angle adapter over the cable. Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor GIW-AF8M-SK2/2 is recommended.

[illegible]

Selector W on GIW-AFM8 = 6th position.

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). [Figure d]



Contacts	Belegung	PNO-PROFinet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

The cable outlet can be determined by the „feet“ on the angle adapter. [Figure d¹] It is important to note that a pre-assembled plug may be turned a maximum of 60° to the left or right. Otherwise the cable will be overtightened and in the worst case the strands will be torn out of the contacts. If more than 60° is required, it is absolutely necessary to loosen the cable gland and reposition the cable beforehand.

Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) completely into the M12 module (5). Screw the M12 module on the adapter with a spanner (max.2.5mm thickness) SW14. (*) The use of the GIMOTA spanner GIW-DM12-MS14 is recommended. **[Figure e]**

Slide the screen contact spring (3) on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure f]**

Fully push the cable gland (2) into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 (1) the coupling nut to the adapter (*). **[Figure g]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)

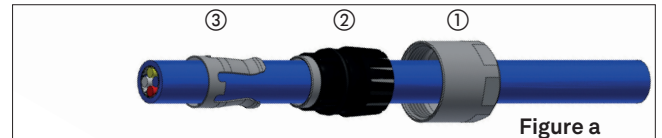


Figure a

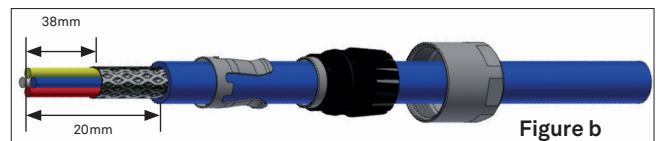


Figure b

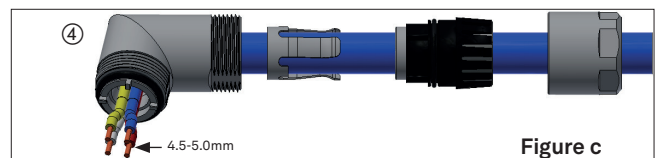


Figure c

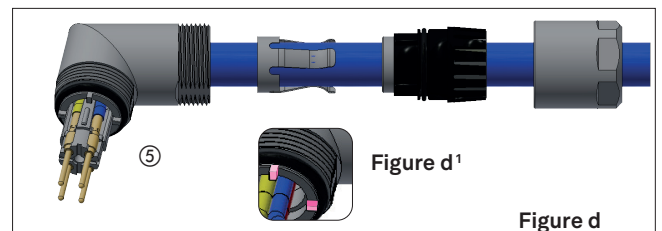


Figure d

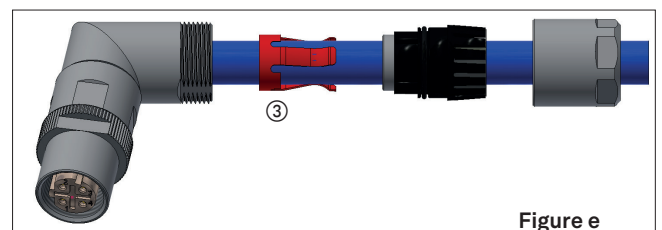


Figure e

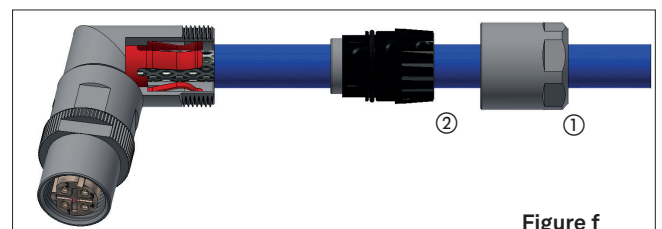


Figure f

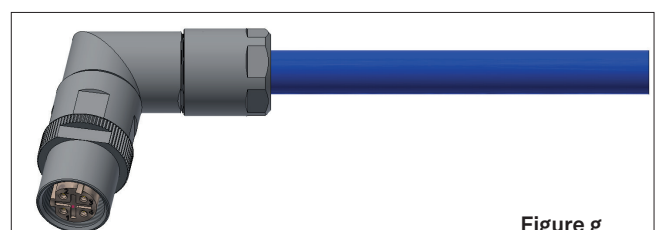


Figure g

Assembly instructions

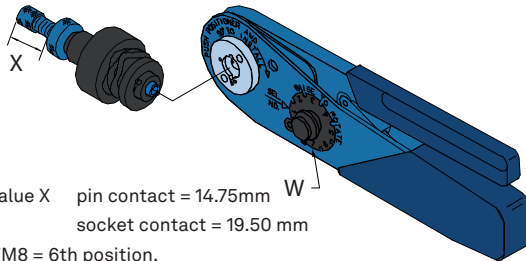
GTM12-4-pole D-coded, female, bulkhead receptacle

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

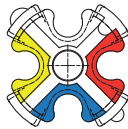
Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.



Push adapter (4) on to the cable. **[Figure d]**

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Belegung	PNO-PROFINet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

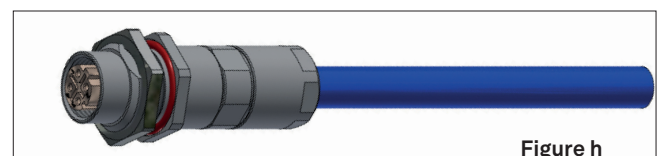
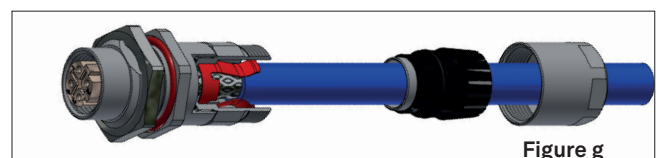
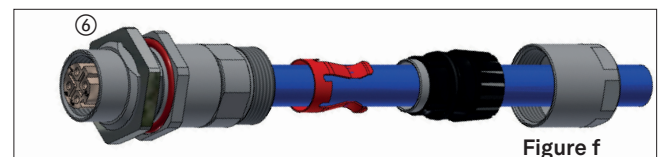
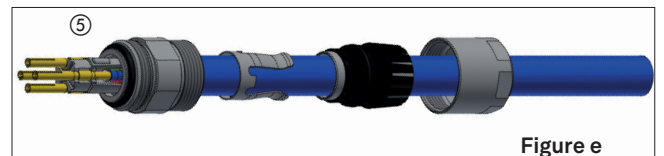
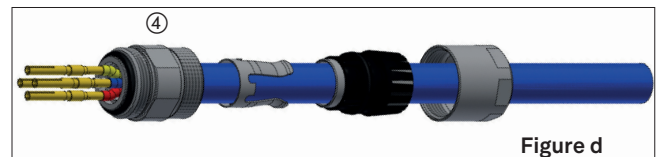
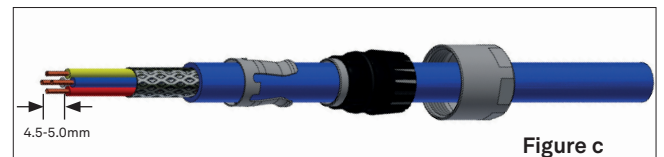
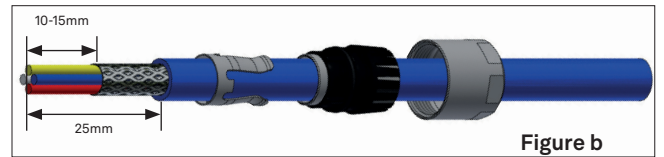
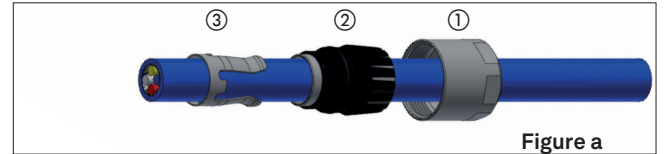
Insert the pre-assembled ethernet cable with the contact carrier into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring stand firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

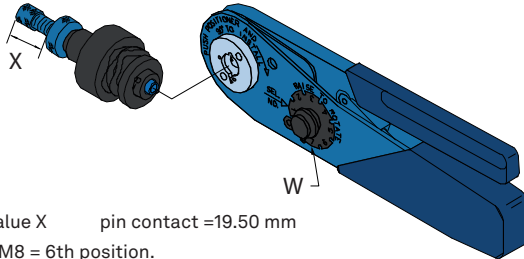
GTM12-8-pole X-coded, male

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip 25 mm of the cable sheath. Shorten the metal braiding by 10 - 15 mm and aluminium foil by approx. 4 mm. **[Figure b]**

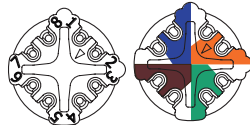
Slide the spacer sleeve (4) over the shielding braid. Strip the wires to a length of 3 mm. The use of the GIMOTA wire stripper GIW ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended. **[Figure d]**



Positioning adaptor value X pin contact = 19.50 mm
Selector W on GIW-AFM8 = 6th position.

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Wire colour	Contacts	Wire colour
Contact 1	white/orange	Contact 5	white/brown
Contact 2	orange	Contact 6	brown
Contact 3	white/green	Contact 7	white/blue
Contact 4	green	Contact 8	blue

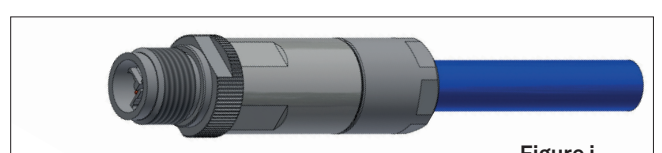
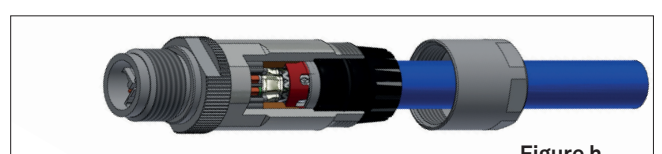
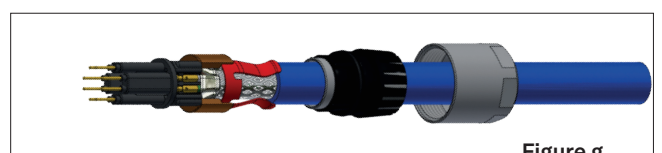
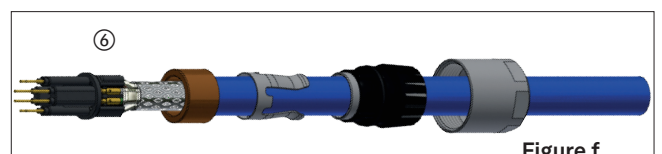
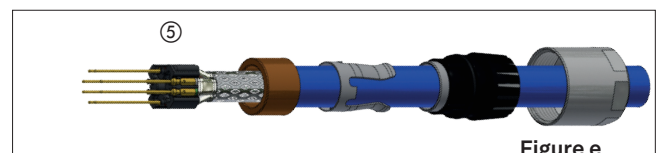
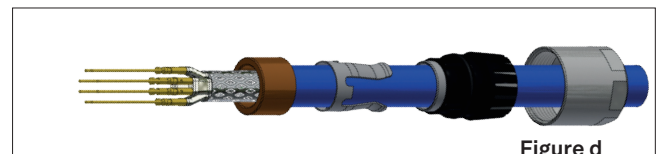
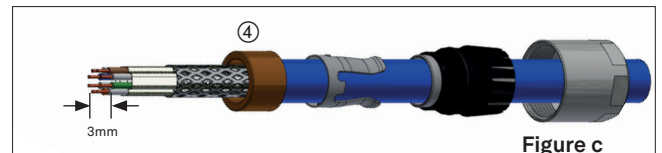
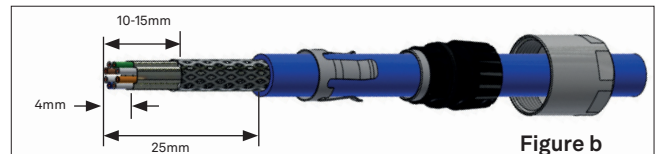
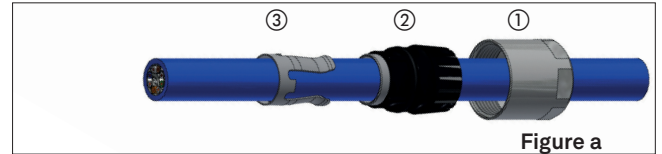
Slide contact protection (6) over contacts **[Figure f]**

Push the shield spring (red) up to the stop under the spacer sleeve onto the cable shield. Make sure that the feet of the spring are positioned neatly on the shield braid. **[Figure g]**

Push the pre-assembled ethernet cable - observing the coding marking (groove) - together with the contact holder into the M12 module. Then push the cable gland into the M12 module. Pay attention that the feet of the screen contact spring are fixed under the cable gland and are firmly pressed onto the shield. **[Figure h]**

Close the M12-connector permanently, using two suitable 14 mm spanner, such as GIW DM12-MS14, to screw the coupling nut to the adapter (*). **[Figure i]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

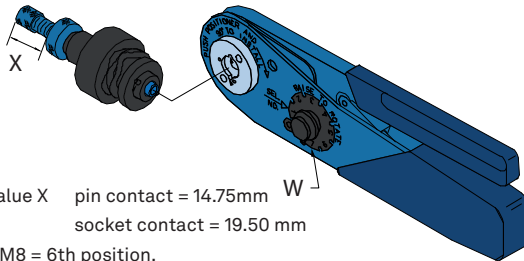
GTB12-4-pole D-coded, male, bayonet quick-release lock

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

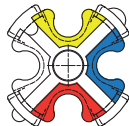
Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.



Push adapter (4) on to the cable. **[Figure d]**

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Belegung	PNO-PROFInet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

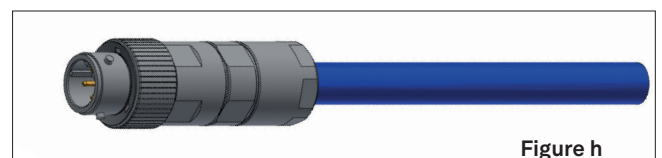
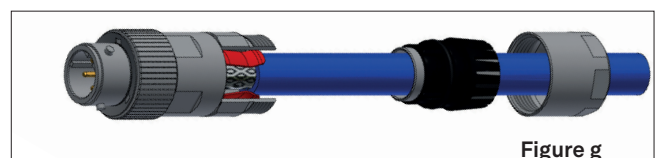
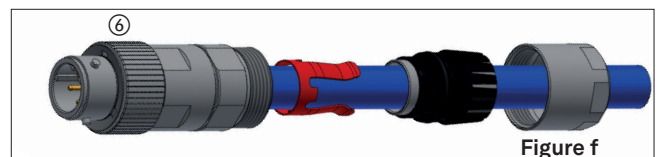
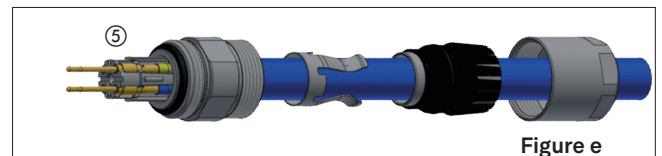
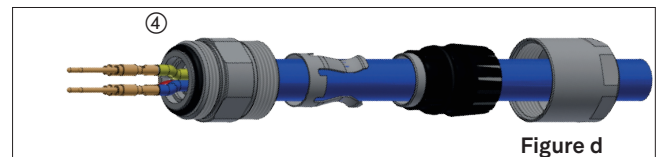
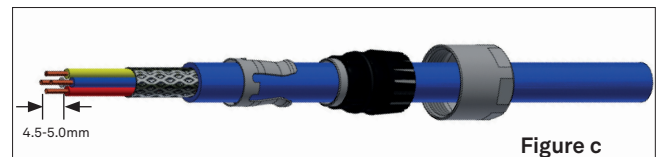
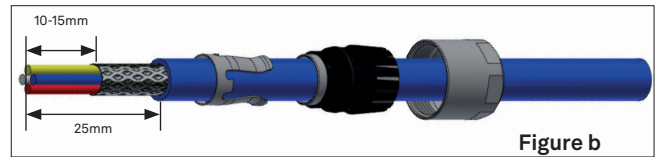
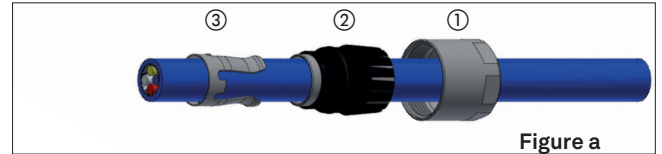
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)



Assembly instructions

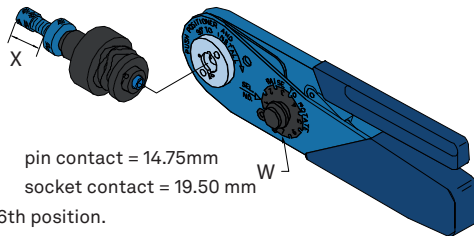
GTB12-4-pole D-coded, male, 100°, bayonet quick-release lock

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 38 mm. Cut the metal shielding braid for 20 mm. **[Figure b]**

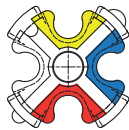
Push the 100° angle adapter over the cable. Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AF8M with the GIMOTA positioning adaptor GIW-AF8M-SK2/2 is recommended.

[illegible]

Selector W on GIW-AFM8 = 6th position.

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). [Figure d]



Contacts	Belegung	PNO-PROFinet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

The cable outlet can be determined by the „feet“ on the angle adapter. **[Figure d'1]** It is important to note that a pre-assembled plug may be turned a maximum of 60° to the left or right. Otherwise the cable will be overtwisted and in the worst case the strands will be torn out of the contacts. If more than 60° is required, it is absolutely necessary to loosen the cable gland and reposition the cable beforehand.

Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) completely into the M12 module (5). Screw the M12 module on the adapter with a spanner (max. 2.5mm thickness) SW14. (*) The use of the GIMOTA spanner GIW-DM12-MS14 is recommended. **[Figure e]**

Slide the screen contact spring (3) on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring stand firmly on the braided shield. **[Figure f]**

Fully push the cable gland (2) into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 (1) the coupling nut to the adapter (*).
[Figure g]

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)

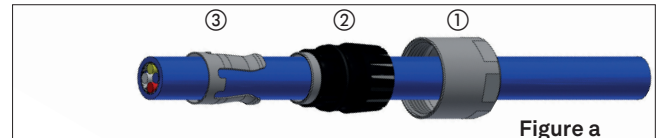


Figure a

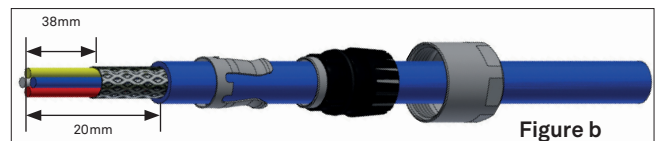


Figure b

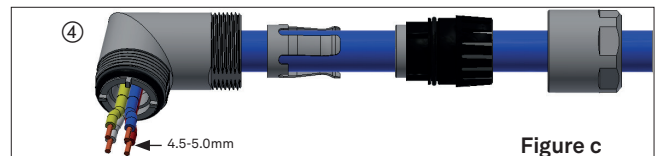


Figure c

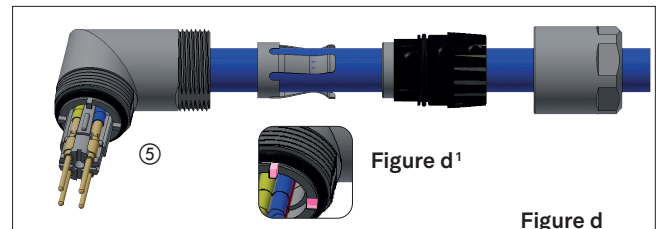


Figure d

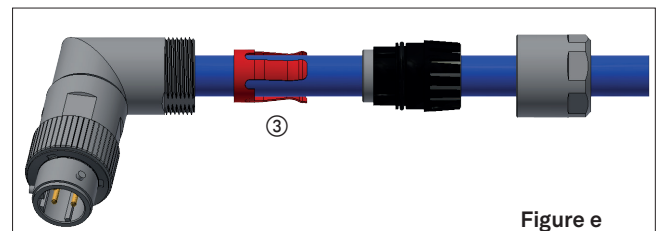


Figure e

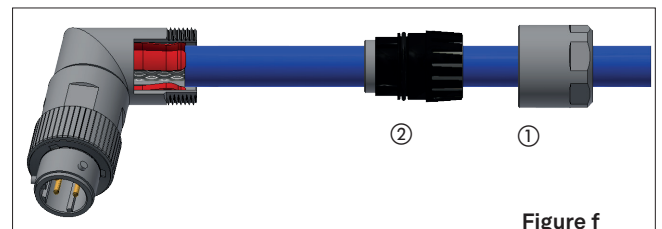


Figure f

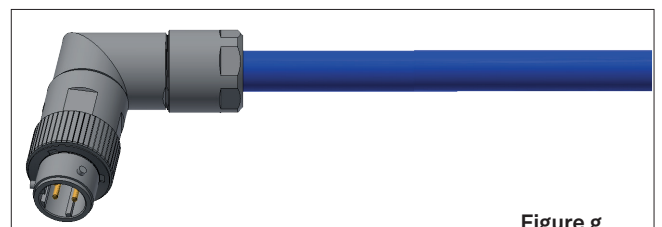


Figure g

Assembly instructions

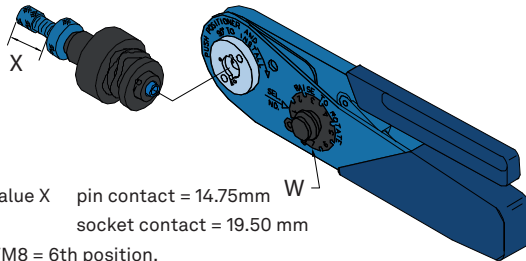
GTB12-4-pole D-coded, female, bulkhead receptacle, bayonet quick-release lock

Push the coupling nut (1), cable gland (2) and the screen contact spring (3) onto the cable. **[Figure a]**

Strip off the cable insulation sheath by 24 mm. Cut the metal shielding braid for 10 - 15 mm. **[Figure b]**

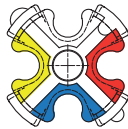
Strip the wires to a length of 4.5 - 5.0 mm. The use of the GIMOTA wire stripper GIW-ACK is recommended. **[Figure c]**

Push contacts onto stripped wire end and crimp with adequate crimping tool. Ensure visibility of the wire through the inspection hole at contact bucket side. The use of the crimping tool GIW-AFM8 with the GIMOTA positioning adaptor GIW-AFM8-SK2/2 is recommended.



Push adapter (4) on to the cable. **[Figure d]**

Arrange the contacts according to the colour coding as on the table shown below into the contact carrier (5) (Ethernet-standard). **[Figure e]**



Contacts	Belegung	PNO-PROFINet	ODVA-ETHERNET/IP
Contact 1	TD+	yellow	white-orange
Contact 2	RD+	white	white-green
Contact 3	TD-	orange	orange
Contact 4	RD-	blue	green

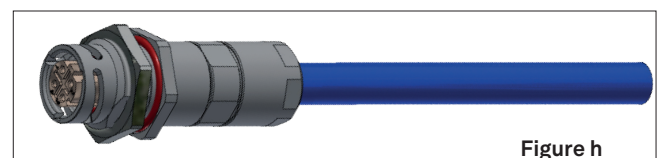
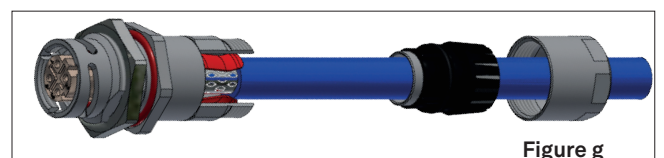
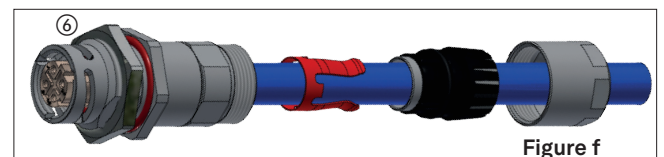
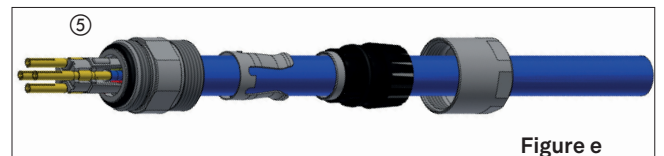
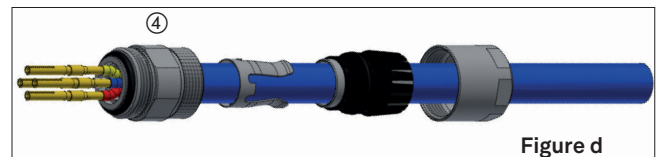
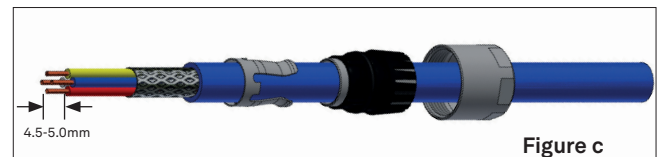
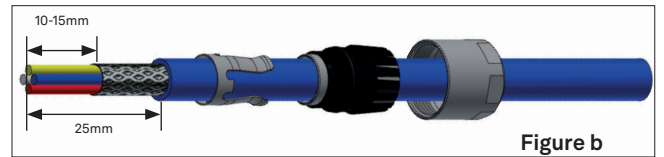
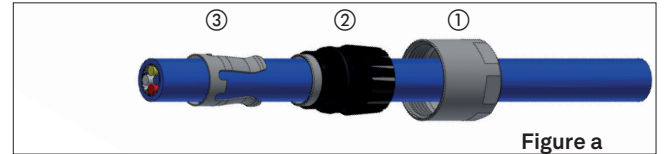
Insert the pre-assembled ethernet cable with the contact carrier in compliance with the coding check mark (notch) - fully into the M12-front-module (6) and screw it on the adapter (*). **[Figure f]**

Slide the screen contact spring on the cable shield up to the stop in the adapter. It is important to make sure that the feet of the screen contact spring standing firmly on the braided shield. **[Figure g]**

Fully push the cable gland into the adapter, so that the feet of the screen contact spring come to lie under the cable gland and firmly press on the braided shield.

Close the M12-connector permanently, using two suitable 14 mm spanner to screw GIW DM12-MS14 the coupling nut to the adapter (*). **[Figure h]**

(*) Applicable tightening torque is approx. 1.5 to 2.0Nm (max. 3.0Nm)





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