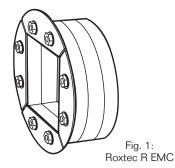


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Installation instructions Roxtec R EMC

Products





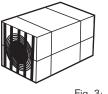
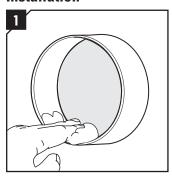
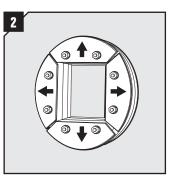


Fig. 3: Roxtec RM PE

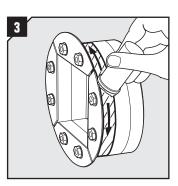
Installation



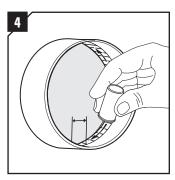
Clean the sleeve to ensure good electric conductivity.



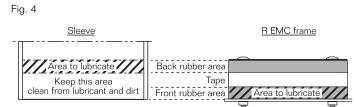
Push the front fittings to the sides.



Lubricate sparsely the front rubber area of the seal. (See fig. 4).



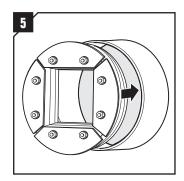
Lubricate sparsely inside the sleeve the area that corresponds to the back rubber area. (See fig. 4)



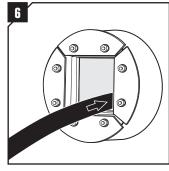
Avoid getting lubricant on the tape by lubricating the sleeve and R EMC

(Installation side)

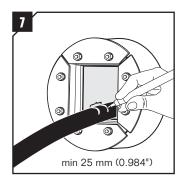
frame according to fig. 4.



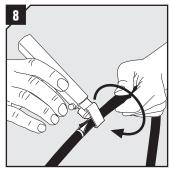
Remove the protection tape and insert the frame into the opening.



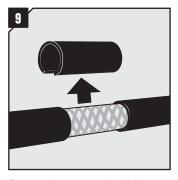
Insert the cables into the frame. Keep the tape clean from dirt or lubricant.



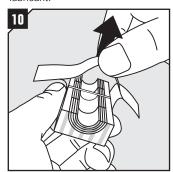
Mark where the outer jacket is to be removed to fit the tape position. (See fig. 5 and fig. 6).



Cut the outer jacket with a tool of your choice. Make sure not to damage the cable screen.

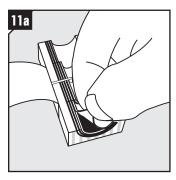


Remove the outer jacket. Make sure cable screen is clean.

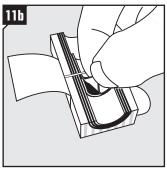


Remove the protection paper from the modules and fold back the tape.

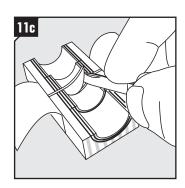
Installation Roxtec RM ES modules



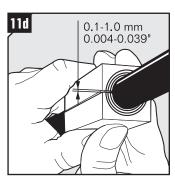
Adapt outer layers to cable, (fig 5:A).



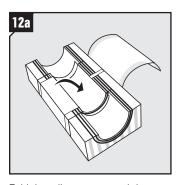
Adapt inner layers to cable screen, (fig 5:B).



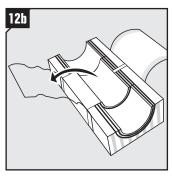
Adapt vertical screen to cable screen, (fig 5:C).



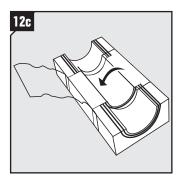
Test with a cable. Achieve a gap of 0.1-1.0 mm between the module halves. If not, repeat 11a-d. The halves may not differ by more than one layer. Make sure the screen is in good contact with the module.



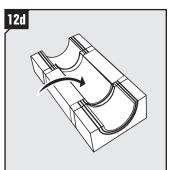
Fold the adhesive tape tightly inside the module half from one side along the inner layers.



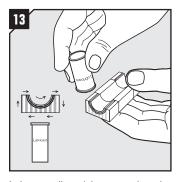
Lift the plastic film from the folded



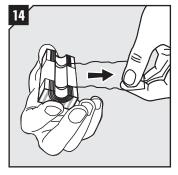
Fold the tape on the other side tightly inside the module half. Make sure there are no air-pockets.



Fold the plastic film back inside the module half.



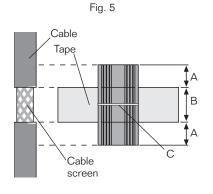
Lubricate all modules sparsely with Roxtec Lubricant, on inside and outside rubber surfaces only. Do not lubricate the plastic film.



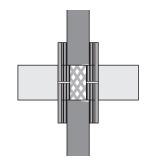
Remove the plastic film! Keep the tape clean. **Note:** Plastic must be removed on spares as well.

Please proceed to last page to complete the installation

Fig. 6

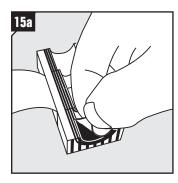


A= Adapt to cable B= Adapt to cable screen C= Adapt to cable screen (RM ES only)

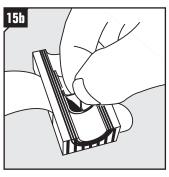


- Minimum accommodation diameter of the module refers to the minimum cable screen diameter.
- Maximum accommodation diameter of the module refers to the maximum cable jacket diameter.

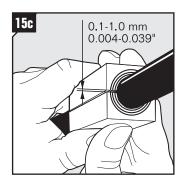
Installation Roxtec RM PE modules



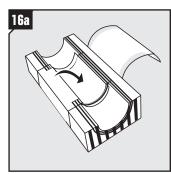
Adapt layers to fit outer jacket. (Fig 7:A).



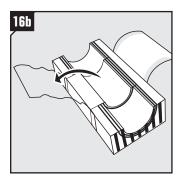
Adapt layers to fit cable screen. (Fig 7:B).



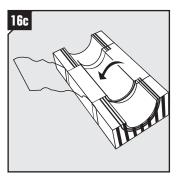
Test with a cable. Achieve a gap of 0.1-1.0 mm between the module halves. If not, repeat 15a-c. The halves may not differ by more than one layer. Make sure the screen is in good contact with the module.



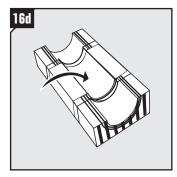
Fold the adhesive tape tightly inside the module half from one side along the inner layers.



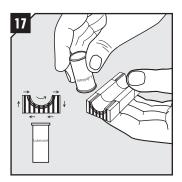
Lift the plastic film from the folded side.



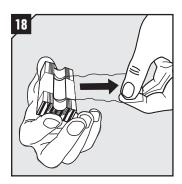
Fold the tape on the other side tightly inside the module half. Make sure there are no air-pockets.



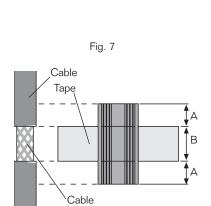
Fold the plastic film back inside the module half.



Lubricate all modules sparsely with Roxtec Lubricant on inside and outside rubber surfaces only. Do not lubricate the film.



Remove plastic film! Keep the tape clean. **Note:** Plastic must be removed on spares.



screen

A= Adapt to cable B= Adapt to cable screen

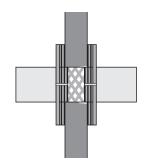
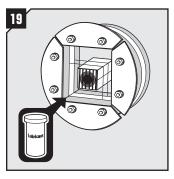


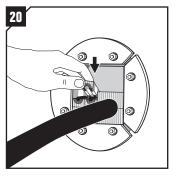
Fig. 8

- Minimum accommodation diameter of the module refers to the minimum cable screen diameter.
- Maximum accommodation diameter of the module refers to the maximum cable jacket diameter.

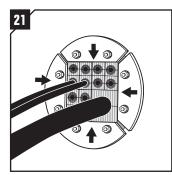
Installation continued



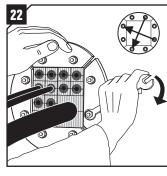
Lubricate the frame and the corners on the areas that will be in contact with the rubber of the modules. Do not lubricate the areas that will be in contact with the tape.



Insert the modules around the cables according to your installation plan (transit plan).



Push the front fittings back towards the center.



Tighten the nuts crosswise. The frame will compress until it is sealed. Please see recommended max torque in the table.

Туре:	Rec. max torque* (Nm)
R 70 - R 127	6
R 150 - R 200	9

^{*} The recommended max torque depends on several things, e.g. cable or pipe size, amount of lubricant used, sleeve size or material in the cable sheet, etc.

Disassembly

Reverse order.

Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- To be used with: RM ES or RM PE components.
- Cables/pipes shall go straight through the frame.



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The Roxtec cable entry sealing system ("the Roxtec system") is a modular-based system of sealing products consisting of different components. Each and every one of the components is necessary for the best performance of the Roxtec system. The Roxtec system has been certified to resist a number of different hazards. Any such certification, and the ability of the Roxtec system to resist such hazards, is dependent on all components that are installed as a part of the Roxtec system. Thus, the certification is not valid and does not apply unless all components installed as part of the Roxtec system are manufactured by or under license from Roxtec ("authorized manufacture"). Roxtec gives no performance guarantee with respect to the Roxtec system, unless (I) all components installed as part of the Roxtec system are manufactured by an authorized manufacturer and (II) the purchaser is in compliance with (a), and (b), below. (a) During storage, the Roxtec system or part thereof, shall be kept indoors in its original packaging at room temperature.

(b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time.

structions in effect from time to time.

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