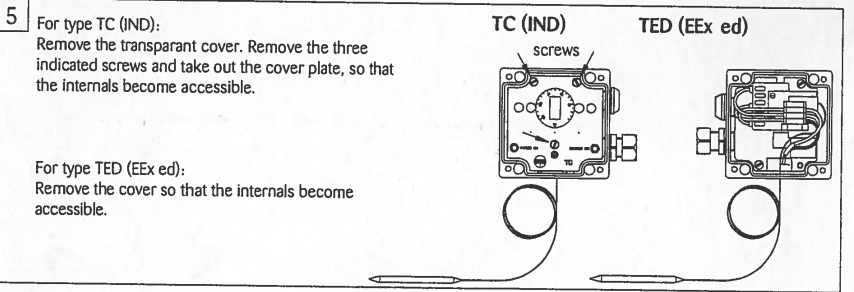
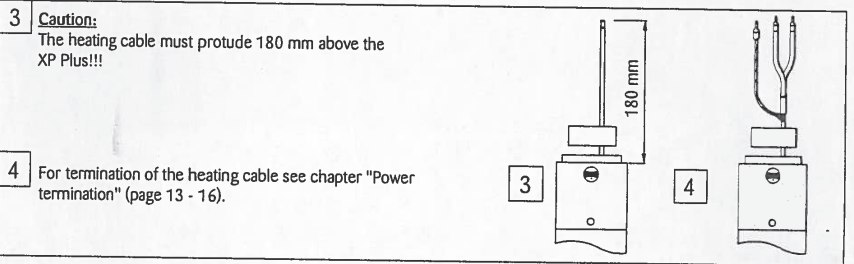
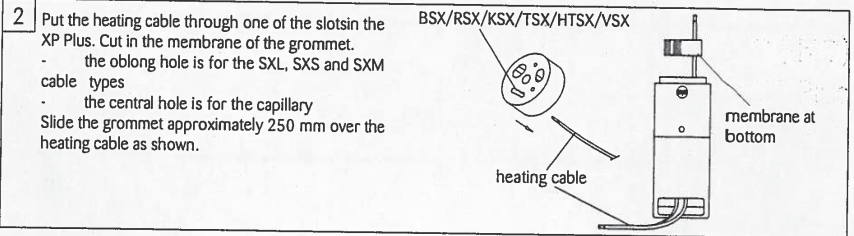
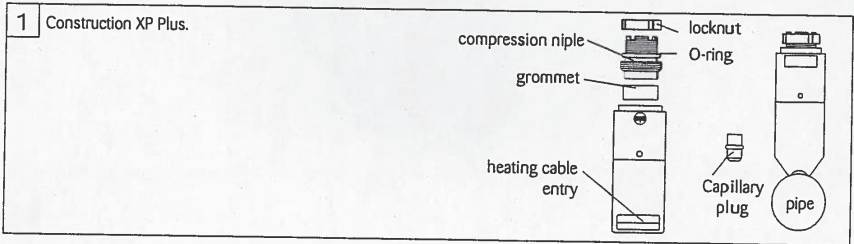


Installation of thermostats TED (EEx ed) and TC (IND)

EAC with expediter XP Plus



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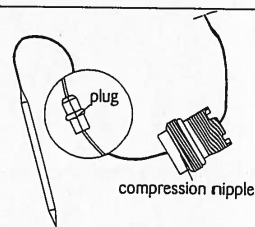
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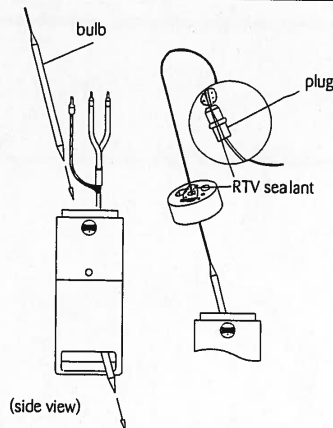
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Installation of thermostats TED (EEx ed) and TC (IND) with expditer XP Plus

6 Roll off the capillary. Slide the compression nipple over the capillary. Install the plug over the capillary as shown, conical side downwards.



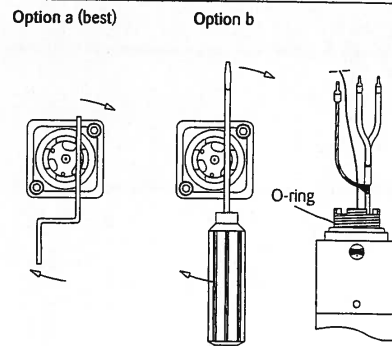
7 Put the bulb through the central hole of the grommet. Pull the capillary as far as possible through the unused slot in the base of the XP Plus. Put some RTV sealant in the central hole of the grommet and on the capillary in front of the plug. Then slide the plug over the capillary into the hole. Put the grommet including plug into the XP Plus housing.



8 Remove the locknut from the compression nipple. Slide the nipple over the cable and screw it manually into the XP Plus housing.

Option a (best):
Put the XP Plus-LN-Tool (to be ordered separately) on its side into the slots as shown alongside, and screw the nipple carefully down to the grommet.

Option b:
Put a screwdriver into the slots as shown alongside, and screw the nipple carefully down to the grommet.



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Installation of thermostat TED (EEx ed) and TC (IND) with expediter XP Plus

9 Place the thermostat on the XP Plus and tighten the locknut with the XP Plus-LN-Tool. Connect the heating cable to the terminals of the TC thermostat, the coverplate must be installed again. Mount the thermostat with XP Plus on the pipe.

ABA 25 Clamp 1/2" diameter pipe
 ABA 40 Clamp 3/4" diameter pipe
 B-4 banding: > 1" ≤ 4" diam. pipe
 B-10 banding: > 4" ≤ 10" diam. pipe
 B-21 banding: > 10" ≤ 21" diam. pipe

Remark:
 a. The bulb must be fixed to the pipe with fixing tape as shown.
 b. To each thermostat maximal one heating cable and one power cable can be connected.

Caution:
 Tighten the screws of the cover crosswise.

Thermostat ranges	Art. no.:
IND Single	
0-60°C TC1-1-40/XP Plus	441.501.004
20-120°C TC1-1-120/XP Plus	441.502.004
IND Double	
0-60/20-120°C TC2-1-40/120/XP Plus	441.501.024
20-120/20-120°C TC2-1-120/120/XP Plus	441.502.024
EEx ed Single	
-20-50°C TED1-1-50/XP Plus	440.301.004
0-100°C TED1-1-100/XP Plus	440.302.004
0-200°C TED1-1-200/XP Plus	440.303.004

Accessories
 see page 24 for:
 Hazardous area glands and blindplugs
 Hazardous area Power and End Termination Kits
 Non hazardous area glands and blindplugs
 Non hazardous area Power and End Termination Kits
 Sealing washer
 Insulation Entry Kits
 Mounting material

TC (IND)

bulb 50 mm

heating cable ABA clamp/
B-type banding

TED1 (EEx ed)

bulb 50 mm

heating cable ABA clamp/
B-type banding



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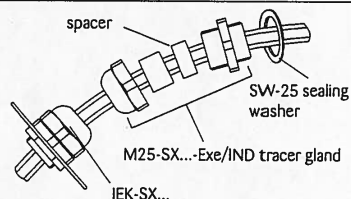
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Installation of thermostat TED (EEx ed) and TC (IND) with mounting bracket XP-1

1 Tracer gland type M25-SX...-EEx/IND to be slid over heating cable as shown.

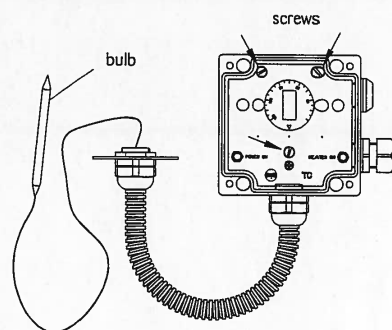
Caution:
In case an insulation entry kit type IEK-SX... is used, this must be put over heating cable prior to the cable gland.

For termination of the heating cable see chapter "Power termination" (page 13 - 16).



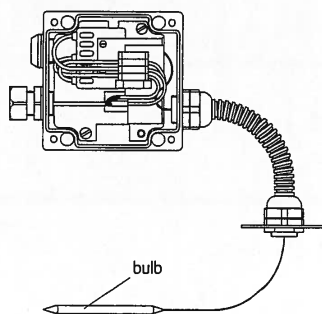
2 For type TC (IND): remove the transparent cover. Remove the three screws as indicated and take out the cover plate, so that the internals become accessible.

TC (IND)



For type TED1 (EEx ed): remove the cover, so that the internals become accessible.

TED1 (EEx ed)



Installation of thermostat TED (EEx ed) and TC (IND) with mounting bracket XP-1

3 Put the heating cable into the junction box and install the gland. Position the heating cable and tighten the cap of the cable gland. Connect the cable into the terminals. Mount the junction box to the XP-1-140X140 mounting bracket with SS bolts, nuts and rings (to be supplied by the electrical contractor) in such way that no glands or plugs are at the top side of the box. Mount the cover on the junction box.

Caution:
Tighten the screws crosswise.
Close entries with blindplug and/or gland. After this the thermostat can be mounted to the pipe.

Thermostat ranges Art. no.:

IND	Single	Art. no.:
0 - 60°C	TC1-1-40	441.811.104
20-120°C	TC1-1-120	441.814.104
20-300°C	TC1-1-300	441.816.104

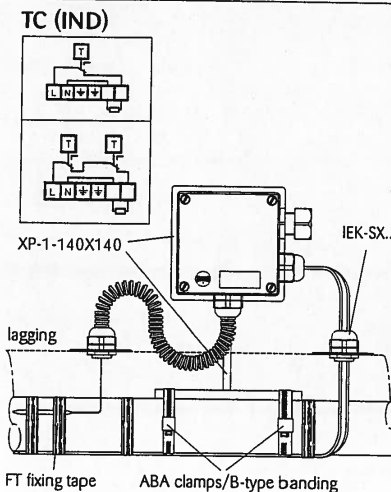
IND	Double	Art. no.:
0-60°C / 20-120°C	TC2-1-40/120	441.601.024
20-120°C / 20-300°C	TC1-1-120/300	441.802.034

EEx ed	Single	Art. no.:
-20-50°C	TED1-1-50	440.020.104
0 - 100°C	TED1-1-100	440.020.204
0 - 200°C	TED1-1-200	440.020.304
50-300°C	TED1-1-300	440.020.404
50-300°C	TED1-1-R-300	400.200.045

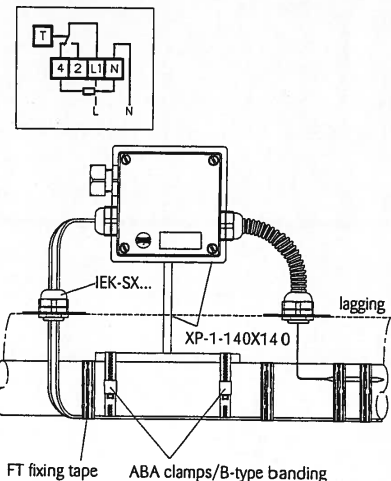
Accessories

see page 24 for:

Hazardous area glands and blindplugs
Hazardous area Power and End Termination Kits
Non hazardous area glands and blindplugs
Non hazardous area Power and End Termination Kits
Sealing washer
Insulation Entry Kits
Mounting material



TED1 (EEx ed)



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