

Installationsvejledning – DA	
Produkt	Rund koblingsboks
Varenummer	19630001
Dokumentnummer	08092109

Generelt om el-patroner type BR, DR, ER, MR, NR, OR – rund



JEVI el-patroner er fremstillet i henhold til Lavspændingsdirektivet EN 60-335-1 og EN 60-335-2-21. El-patronerne er beregnet til at skrue i en 1½" eller 2" RG-muffe. Gevindet tætnes med et egnet tætningsmateriale. El-patronerne skal altid være dækket af væske, hvilket skal kontrolleres før tilslutning. Ved montering i en trykbeholder skal installationen udføres i henhold til EN13445 og EN60364.

El-patronen placeres i beholderen med vandret indstik eller lodret indstik fra bunden.

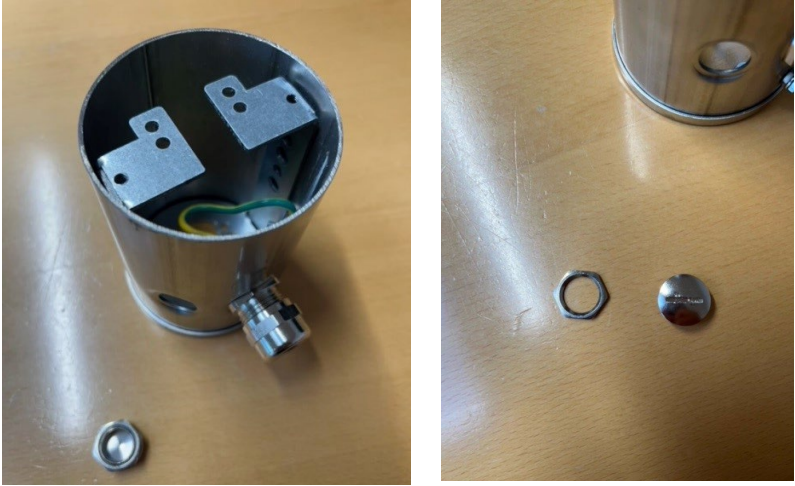


El-patronen må aldrig placeres i beholderen med tilslutningsboksen opad. I den faste el-installation foran el-patronen skal der findes en elektrisk afbryder jfr. Lavspændingsdirektivet.

Installationen skal foretages af en autoriseret el-installatør. Varmelegemerne er kun afprøvet/godkendt til brug i vand, men kan dog anvendes i andre væsker som olie, sæbelud etc.

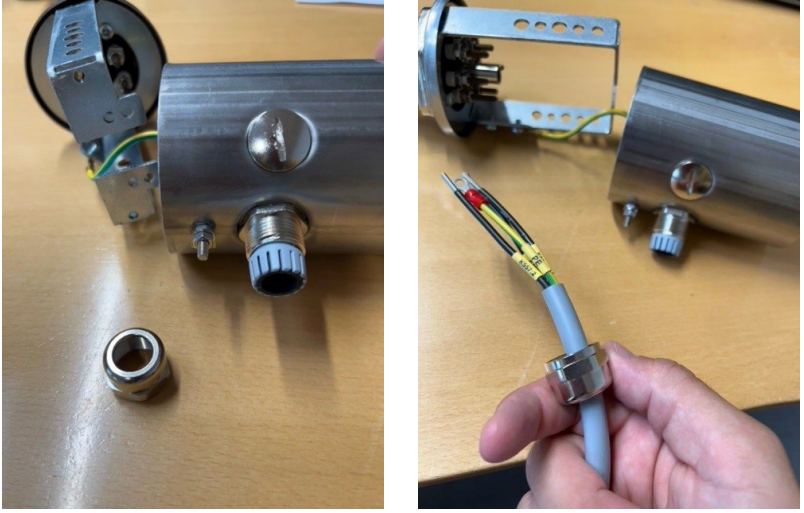

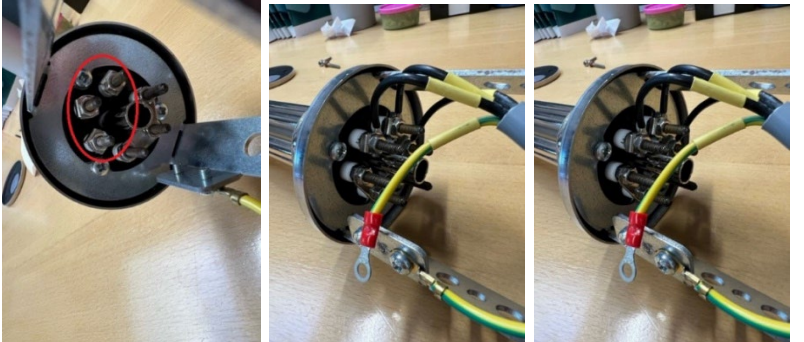
Varmelegemerne er fremstillet i henhold til EN 60-335-1 og må ikke monteres uden tilslutningsboks.

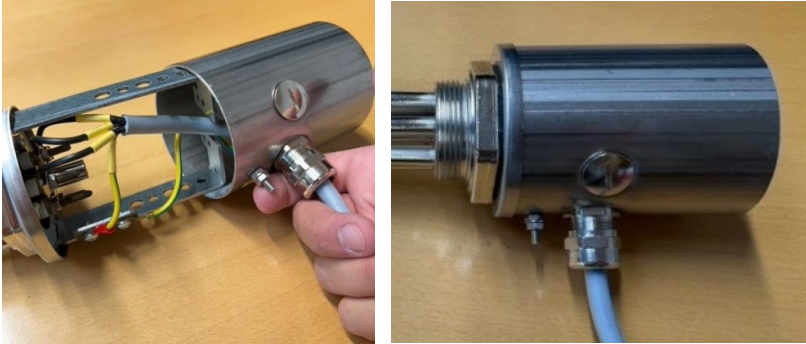
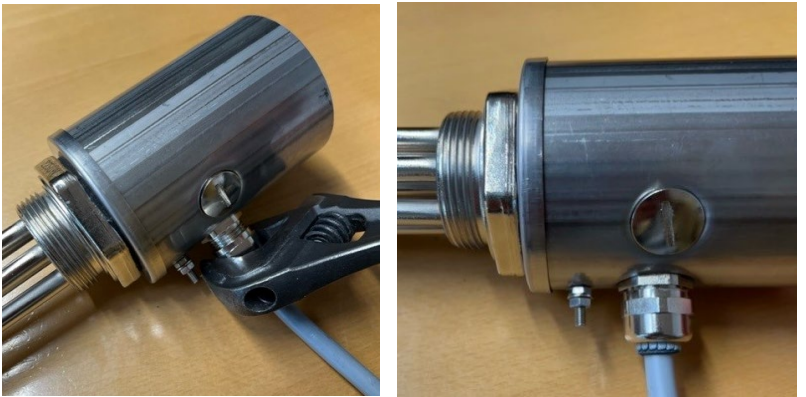


Procedure

1.	Anvend Del 1 – 4 til at samle koblingsboksen. Delene samles i rækkefølgen angivet nedenfor.	
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<p>2.</p>	<p>Endeproppen til Del 1 består af en møtrik til bagsiden og en top til forsiden.</p>	
<p>3.</p>	<p>Tag indholdet ud af Del 1 for at gøre plads til montage af endeprop.</p>	
<p>4.</p>	<p>Placer møtrikken på indersiden af rørdelen i Del 1. Sæt endeproppens topdel i hullet fra ydersiden. Spænd de to dele sammen ved hjælp af en lige-kærvet skruestrækker.</p>	

5.	Sæt de tre små skruer i inderdelen af Del 1.	
6.	Forbind Del 1 og Del 2 som beskrevet nedenfor.	
7.	De tre små skruer i Del 1 passer i Del 2. Monter Del 2 med en stjerneskruetrækker.	

<p>8.</p>	<p>Før Del 3 (kablet) gennem kabelforskrningen således: Fjern 90 mm af isoleringen på kablet. Monter 4 mm kabelsko på jordkablet. Monter kabelsko på faserne.</p>	
<p>9.</p>	<p>Afmonter møtrikken på forskrningen. Før kablet gennem møtrikken og derefter gennem forskrningen.</p>	
<p>10.</p>	<p>Varmerlegemerne i koblingsboksen skal kobles i stjerneforbindelse. Monter de tre faser på gevindstykket uden låsker. Monter derefter jordlederen på jordskinnen.</p>	

<p>11.</p>	<p>Sæt inderdelen fra Del 1 tilbage i rørdelen, mens der trækkes roligt ud i kablet.</p>	
<p>12.</p>	<p>Spænd forskruningen fast om kablet, så kablet låses.</p>	
<p>13.</p>	<p>Monter Del 4 på den åbne ende af Del 1. Sikr at hullerne i Del 1 og Del 4 passer indbyrdes. Isæt de to bolte med kobberskive og spænd til med en stjerneskrue-trækker.</p>	
<p>14.</p>	<p>Den færdigmonterede koblingsboks.</p>	

Assembly guide – EN	
Product	Round junction box
Item no.	19630001
Document no.	08092109

Immersion heater type BR, DR, ER, MR, NR, OR – round



JEVI immersion heaters are produced according to the low-voltage directive, EN 60-335-1 and EN 60-335-2-21. The heaters are designed for screwing into a 1½" or 2" RG connector. Tighten the thread with a suitable sealing material. Always cover the heaters by liquid which must be checked before connection. Installation in a pressure tank must be made according to EN13445 and EN60364.

Place the heater in the tank either horizontally or vertically plugged in from the bottom.

Never place the heater in the tank with the junction box facing upwards.

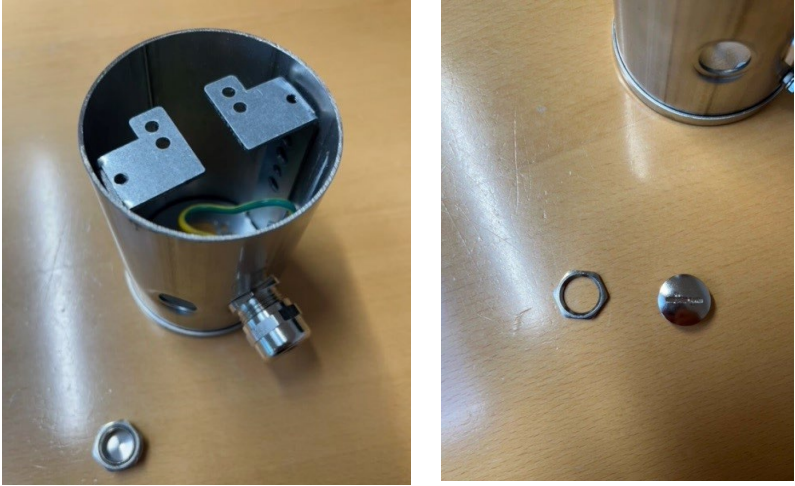


According to the low-voltage directive the fixed electric installation in front of the heater must include a circuit breaker.



Installation must be made by an authorized electrical contractor. The heating element was tested and approved for use in water only. However, it can be used in e.g. oil and soap cleanser.

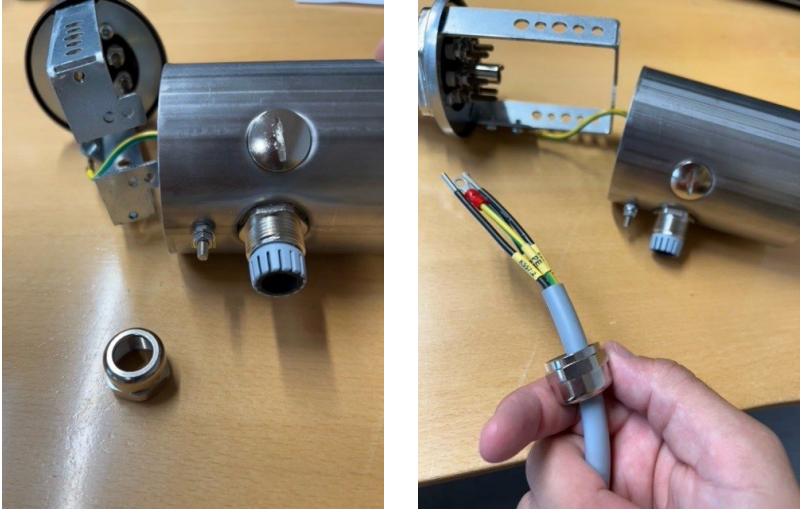

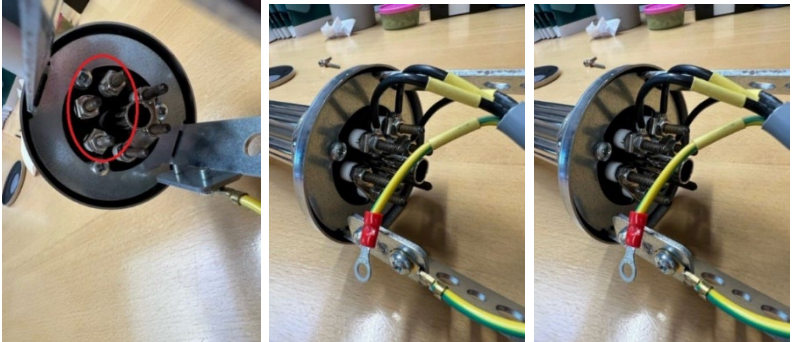
Never install the heating element without a junction box.

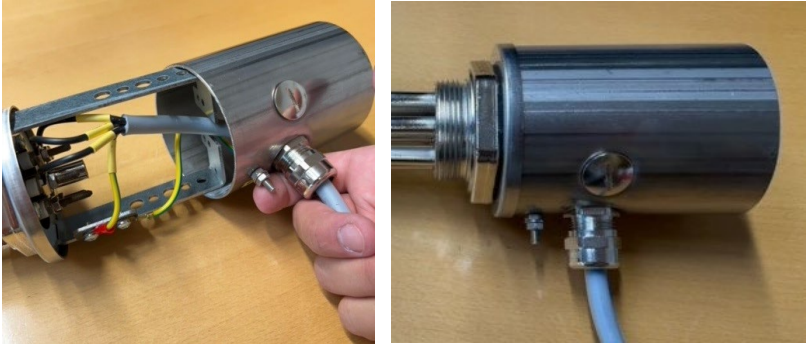
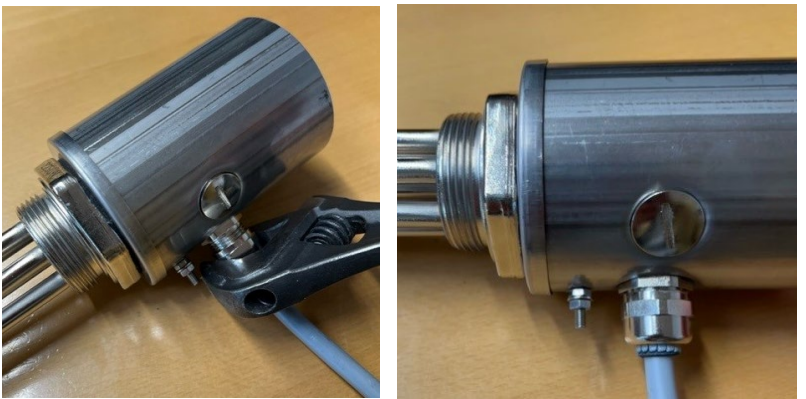

Procedure

<p>1. Use part 1 – 4 to assemble the junction box. The parts are assembled in the below order.</p>	
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<p>2.</p>	<p>The end cap of part 1 consists of a nut for the rear side and a top for the front.</p>	
<p>3.</p>	<p>Remove the content from part 1 to make room for installation of end cap.</p>	
<p>4.</p>	<p>Place the nut at the inner side of the pipe of part 1. Mount the top part of the end cap in the hole from outside. Draw up the two parts using a flat-headed screwdriver.</p>	

5.	Mount the three screws in the inner part of part 1.	
6.	Connect part 1 and part 2 as described below.	
7.	The three screws of part 1 fit into part 2. Mount part 2 using a crosshead screwdriver.	

<p>8.</p>	<p>Put part 3 (the cable) through the cable gland in this way: Remove 90 mm of the insulation from the cable. Mount 4 mm cable shoes at the earth cable. Mount cable shoes at the phases.</p>	
<p>9.</p>	<p>Remove the nut from the gland. Put the cable through the nut and the gland.</p>	
<p>10.</p>	<p>The heating elements of the junction box must be star-connected. Mount the three phases at the threaded pin section without splices. Mount the earth wire at the earthing bar.</p>	

<p>11.</p>	<p>Put the inner part of part 1 back into the pipe while drawing the cable carefully through the gland.</p>	
<p>12.</p>	<p>Lock the cable into position by tightening the gland.</p>	
<p>13.</p>	<p>Mount part 4 at the open end of part 1. Ensure that the holes of part 1 and part 4 fit – particularly the two bolts with copper washers. Tighten the screws using a crosshead screwdriver.</p>	
<p>14.</p>	<p>The fully assembled junction box.</p>	