

Installation guide

# Electric Expansion Valve

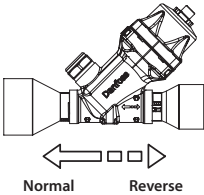
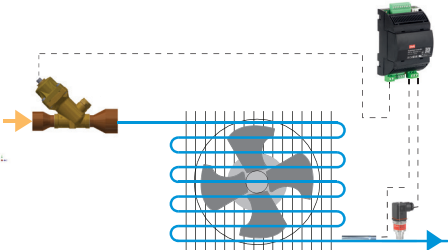
## Type ETS 175L, ETS 250L

034R9828



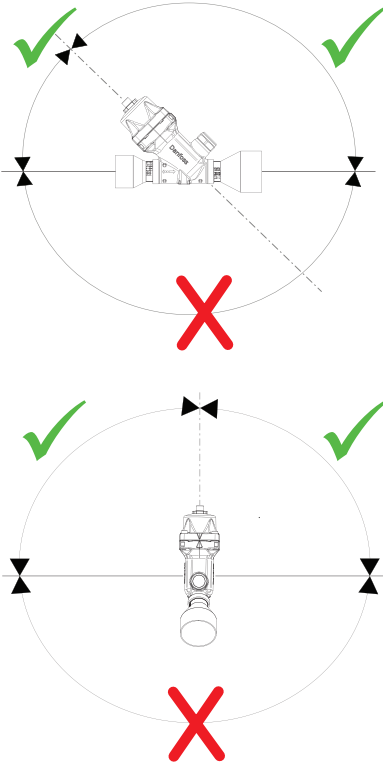
034R9828



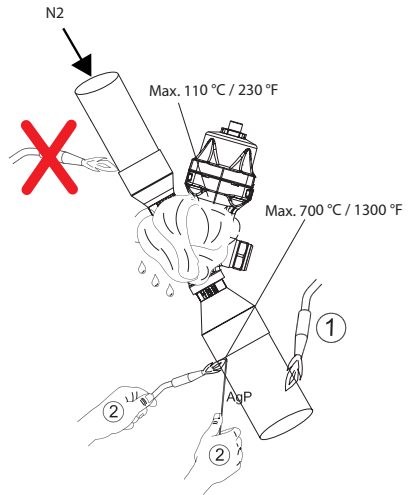
<p><b>Compatible refrigerants / Kältemittel Kompatibilität / Fluides compatibles / Compatibilidad de refrigerantes / 适用的冷媒:</b></p> <p>R134a, R404A, R407A, R407C, R407F, R407H, R410A, R417A, R422A, R422B, R422D, R438A, R442A, R448A, R449A, R449B, R450A, R452A, R463A, R507, R513A, R513B, R515A, R515B, R1234ze</p> <p>NOTE: For more details check datasheet</p>	<p><b>Inlet fluid temperature / Eingangstemperaturbereich / entrée température du fluide / entrada temperatura líquida / 入口流体温度:</b></p> <p>Min. -40 °C / -40 °F Max. 70 °C / 158 °F</p>	<p><b>Max. working pressure / Max. zul. Betriebsüberdruck / Pression de service max. / Presión de trabajo máx. / 最大工作压力 (gauge):</b></p> <p>MWP = 37 bar / 536 psig</p>
<p><b>Stepper motor type / Schrittmotortype / Type de moteur pas à pas / Tipo de motor a pasos / 步进电机形式:</b></p> <p>Bipolar</p>	<p><b>Allowable ambient temperature / Zulässige Umgebungstemperatur / Température ambiante admissible / Temperatura ambiente permisible / 允许的运行温度:</b></p> <p>Min. -40 °C / -40 °F Max. 70 °C / 158 °F</p>	<p><b>Max. operating pressure differential / Max. Betriebsdruckdifferenz/ Pression différentielle de fonctionnement max / Presión diferencial de funcionamiento máxima / 最大工作压差:</b></p> <p>MOPD = 26 bar / 377 psig</p>
<p><b>Nominal voltage / Nennspannung / Tension nominale / Voltaje nominal / 名义电压:</b></p> <p>12 V DC</p>	<p><b>Resistance / Widerstand / résistance électrique / Resistencia / 电阻:</b></p> <p>52.4 Ohm ±10% @ 25 °C</p>	<p><b>Phase current / Phasenstrom / Phase électrique / Corriente de fase / 相电流:</b></p> <p>250 mA RMS</p>
<p><b>Flow Direction / Durchflussrichtung / Sens d'écoulement / Dirección del flujo / 流向:</b></p> 		<p><b>Application / Anwendung / Application / Aplicación / 应用:</b></p> 

Імпортер: ТОВ з іл "Данфосс ТОВ" 04080, Київ 80, п/с 168, Україна

**Mounting / Einbau / Montage / Instalación / 安装:**

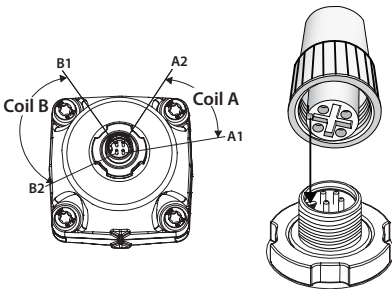


**Brazing / Einbau / Montage / Instalación / 安装:**



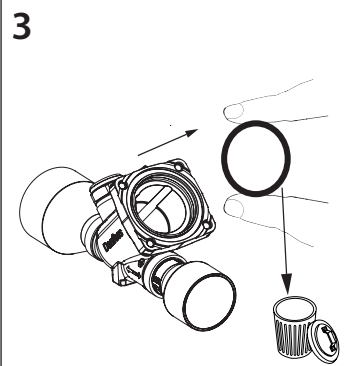
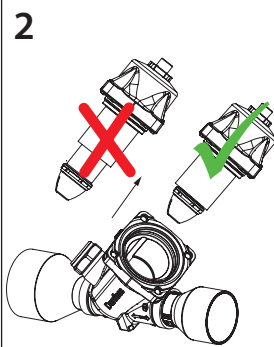
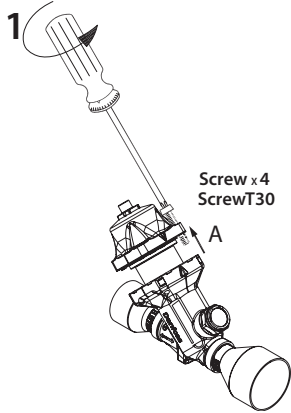
N2 gas from opposite side of soldering point.  
 Schutzgas gegenüber der Lötstelle einströmen lassen.  
 Refroidissement gaz ci-contre site de point de soudure.  
 Corriente de N2 desde el lado opuesto a la soldadura.  
 氮气保护从阀门焊接口的另一侧通入。

**Electrical connections / Elektrische Anschlüsse / Connexions électriques / Conexiones eléctricas/ 电气连接:**

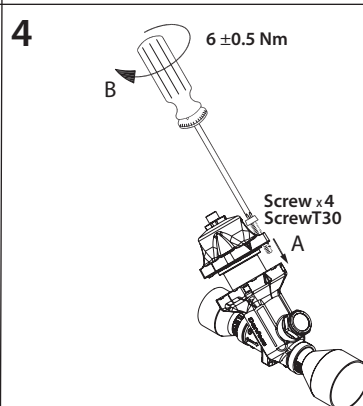
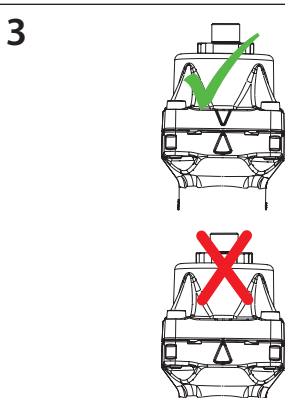
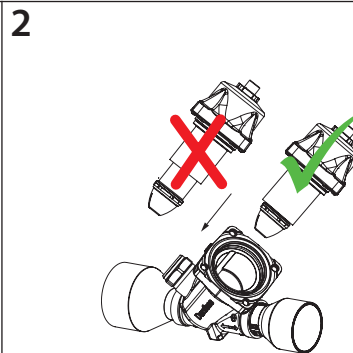
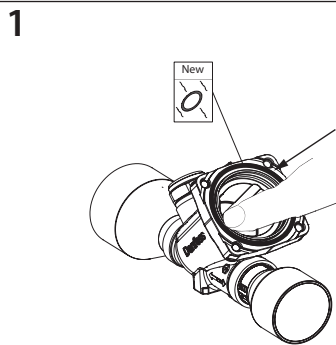


	Coil A		Coil B		
	A1	A2	B1	B2	
1	+	-	+	-	CLOSING ↓
2	+	-	-	+	
3	-	+	-	+	
4	-	+	+	-	
OPENING ↑					

Disassembling / Zerlegung / Désassemblage / Desmontaj / 拆卸:



Assembling / Zusammenbau / Assemblage / Montaje / 安装:





**Warning! / Achtung! / Attention! / Advertencia! / 警告!**

- Do not connect directly to AC/DC power source.  
Connect valve to appropriate controller/driver only.  
Do not operate valve while assembling or disassembling
- Bitte den ETS nicht direkt mit einer Spannungsquelle (Gleich- oder Wechselstrom) verbinden. Schließen Sie das Ventil nur an geeignete Regler/Steuergeräte an. Ventil bitte nicht in zerlegtem Zustand ansteuern.
- Ne pas raccorder directement le moteur à une alimentation AC / DC. Raccorder la vanne au régulateur approprié. Ne pas actionner la vanne pendant le montage ou le démontage.
- No aplicar tensión directamente a la válvula. Conectar la válvula a un controlador/driver adecuado. No haga funcionar la válvula durante el montaje o desmontaje.
- 请仅将阀门连接于合适的控制器/驱动器，勿直接与交流或直流电源连接。在安装和拆卸阀门时请勿操作电子膨胀阀。

