

Installation guide

Solenoid coil

Type AB, AM, AC, AK, AL, AP, BB, BA, BC and BD



042R9019

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A A - Coils IP00/PD3 Spade + (M) / (C) = IP65/PD3 Cable plug		B B - Coils IP00/PD3 Spade + (M) / (C) = IP65/PD3 + (M) = IP67/PD4 Cable plug	
A1 		A2 	
B1 	B2 	B3 	
1 <input checked="" type="checkbox"/> 		2 <input checked="" type="checkbox"/> 	
3 <input checked="" type="checkbox"/> 		4 <input checked="" type="checkbox"/> 	

Type of control	1		
Class of protection	Class I		
Ambient temperature	See T _{ambient} on coil		
Voltage variation	For voltage variation, see print on coil		
Voltage tolerances	For voltage tolerances see datasheet, when ordering the coil		
Humidity	Only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be expected.		
Ball pressure test	200 °C (392 °F) in accordance to IEC 60695-10-2		
Impulse withstand voltage	Spade	4.0 kV at altitude <4000 m (13123 ft)	
	Plug	4.0 kV at altitude <2000 m (6561 ft)	
	Plug	3.1 kV 2000 m <altitude <4000 m (6561 <altitude <13123 ft)	
Overvoltage category	III		
Degree of protection IPxx	Enclosure rating according to IEC standard 60529 (See illustration for details A-B)		
Pollution degree PDX	Pollution degree according to EN60664-1 (See illustration for details A-B)		
Installation	Integrated control		
	Incorporated control		
	Independently mounted control (IP65/IP67)		
Suitable cable,	ø6.6 – ø11 mm (ø0.26 – ø0.43 in)		
Conductor size for plug	0.75 – 1.5 mm ² (21 – 15 AWG flexible cord)		
Suitable cable for cable plug	See datasheet when ordering the coil		
Cable conductor size	3 x 0.75 mm ² (3 x 0.001 in ²)		
Plugs can be removed/mounted	10 times		
Surface temperature	Independently mounted controls must be inaccessible in normal use if the surface temperature on the control > 85°C		

- Only qualified personnel is allowed to install or maintain this product
- Disconnect the power when dismantling the coil
- Avoid direct exposure to alkaline conditions, use in neutral conditions is recommended
- Ensure that the O-ring is in place on the valve
- If the coil is used as independently mounted control, the end-user shall use a plastic cable gland with strain relief

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

Info for UK customers only: Danfoss Ltd., 22 Wycombe End, HP9 1NB, GB

<p>5</p>	<p>6</p>	<p>7</p> <p>40 - 50 Ncm (0.30 - 0.39 lb-ft)</p>	<p>8</p> <p>90°</p>
<p>9</p> <p>250 - 375 Ncm (1.85 - 2.77 lb-ft)</p>	<p>10</p> <p>50 - 60 Ncm (0.39 - 0.44 lb-ft)</p>	<p>A1</p>	<p>(1-A1)</p> <p>1.25 ± 0.15 Nm (0.92 ± 0.11 lb-ft)</p>
<p>A2</p>	<p>(1-A2)</p> <p>1.25 ± 0.15 Nm (0.92 ± 0.11 lb-ft)</p>	<p>B1</p>	<p>(1-B1)</p> <p>0.7 ± 0.1 Nm (0.52 ± 0.07 lb-ft)</p>
<p>B2</p>	<p>(1-B2)</p> <p>1.0 ± 0.15 Nm (0.74 ± 0.11 lb-ft)</p>	<p>B3</p>	<p>(1-B3)</p> <p>1.5 ± 0.15 Nm (1.11 ± 0.11 lb-ft)</p>

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