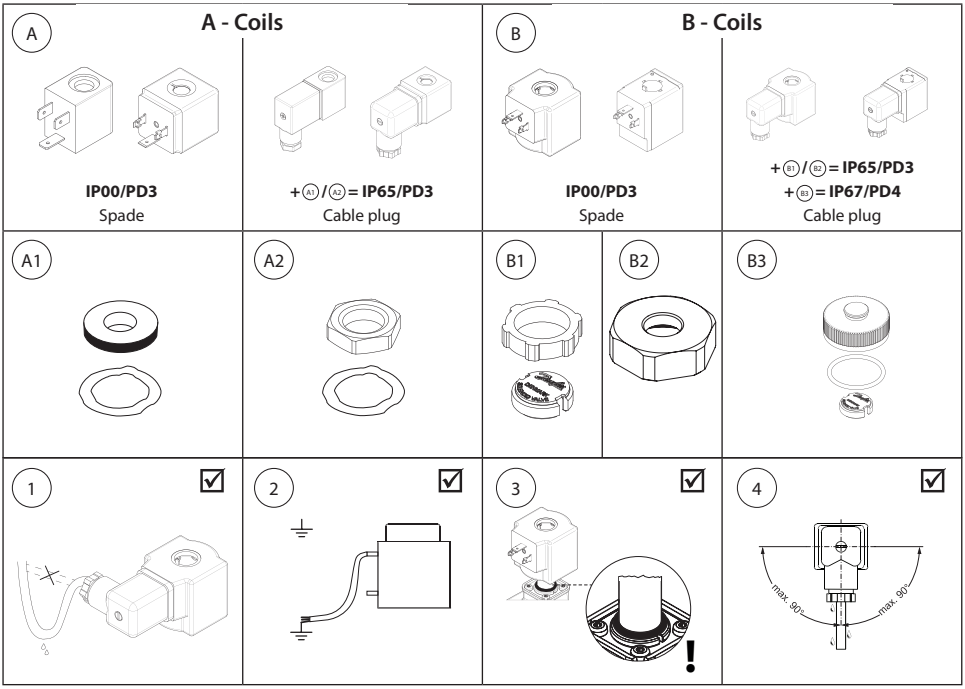
ENGINEERING TOMORROW

Installation guide

Solenoid coil

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

042R9019



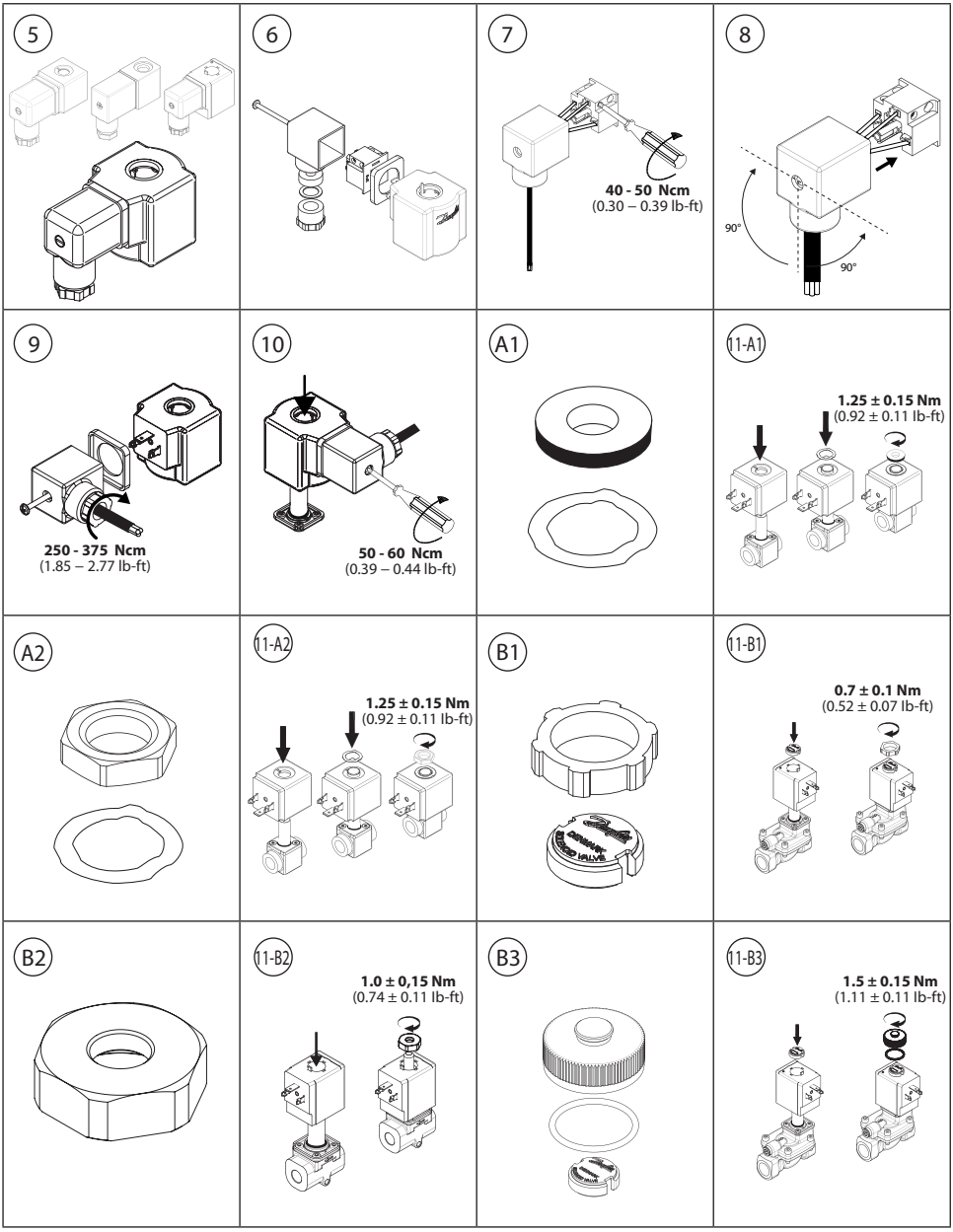
042R9019

Type of control	1	
Class of protection	Class I	
Ambient temperature	See $T_{ambient}$ on coil	
Voltage variation Voltage tolerances	For voltage variation, see print on coil For voltage tolerances see datasheet, when ordering the coil	
Humidity	Only none-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 Plug Plug	4.0 kV at altitude <4000 m (13123 ft) 4.0 kV at altitude <2000 m (6561 ft) 3.1 kV 2000 m<altitude<4000 m (6561<altitude<13123 ft)
Overvoltage category	III	
Degree of protection IPxx Pollution degree PDX	Enclosure rating according to IEC standard 60529 (See illustration for details A-B) Pollution degree according to EN60664-1 (See illustration for details A-B)	
Installation	Integrated control Incorporated control Independently mounted control (IP65/IP67)	
Suitable cable, Conductor size for plug	ø6.6 – ø11 mm (ø0.26 – ø0.43 in) 0.75 – 1.5 mm² (21 – 15 AWG flexible cord)	
Suitable cable for cable plug	See datasheet when ordering the coil	
Cable conductor size	3 x 0.75 mm² (3 x 0.001 in2)	
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 dismounting 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

Info for UK customers only:Danfoss Ltd. Oxford Road, UB9 4LH Denham, UK

© Danfoss | DCS (rm) | 2021.02



Visit www.products.danfoss.com for further technical data
Para más información, visite www.products.danfoss.es
Rendez-vous sur le site www.products.danfoss.fr pour plus de données techniques