

Data sheet | Solenoid valve VDHT - NPT Thread

6. Overview coils and accessories



Description	Code no. HPP	Voltage	Power	Voltage tolerance	T max Ambiente °C (°F)	Connection	Enclosure	Weight kg (lbs)
Type BB / Without LED / for Hirschmann plug / excl. plug								
Coil 240V-50Hz-10W-IP65	018F7906	240V 50Hz	11W	+/- 10-15%	80 (176)	DIN 43650-A	IP65	0.2 (0.5)
Coil 24V-50Hz-10W-IP65	018F7905	24V 50Hz	11W		80 (176)	DIN 43650-A	IP65	0.2 (0.5)
Coil 240V-50Hz-10W-IP65	018F7928	24V DC	16W	+/- 10%	50 (122)	DIN 43650-A	IP65	0.2 (0.5)

Type BE / Without LED / incl. Terminal box								
Coil 240V-60Hz-10W-IP67	018F7926	240V 60Hz	15W	+/- 10-15%	80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 240V-50Hz-10W-IP67	018F7924	240V 50Hz	11W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 220-230V-50Hz-10W-IP67	018F7921	220-230 V 50 Hz	12W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 220-230V-50-60Hz-10W-IP67	018F7919	220-230 V 50-60Hz	17W 14W		50 (122)	Terminal box	IP67	0.3 (0.7)
Coil 220V-60Hz-10W-IP67	018F7925	220V 60Hz	13W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 200V-50-60Hz-10W-IP67	018F7929	200V 50/60Hz	10W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 110V-50-60Hz-10W-IP67	018F7923	110V 50-60Hz	15W 13W		50 (122)	Terminal box	IP67	0.3 (0.7)
Coil 24V-60Hz-10W-IP67	018F7922	24V 60Hz	14W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 24V-50Hz-10W-IP67	018F7920	24V 50Hz	12W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 42V-50Hz-10W-IP67	018F7927	42V 50Hz	10W		80 (176)	Terminal box	IP67	0.3 (0.7)
Coil 24V-DC-18W-IP67	018F7914	24V DC	16W	+/- 10%	50 (122)	Terminal box	IP67	0.3 (0.7)
Coil 12V-DC-18W-IP67	018F7913	12V DC	15W	+/- 10%	50 (122)	Terminal box	IP67	0.3 (0.7)

Type BE / Without LED / for Hirschmann plug / prepare for terminal box								
Coil 200V-50-60Hz-10W-IP67	018F7918	200V 50/60 Hz	10W	+/- 10-15%	50 (122)	Terminal box	IP67	0.2 (0.5)
Coil 240V-50Hz-10W-IP67	018F7917	240V 50 Hz	11W		80 (176)	Terminal box	IP67	0.2 (0.5)
Coil 24V-DC-18W-IP67	018F7912	24V DC	16W	+/- 10%	50 (122)	Terminal box	IP67	0.3 (0.7)

Type BY / Without LED / for Hirschmann plug / excl. plug / UL Recognised								
Coil 208-240V-50-60Hz-14W-IP65-UL	018F7908	208-240V 50/60 Hz	16W 14W	+/- 10-15%	50 (122)	DIN43650-A	IP65	0.2 (0.5)
Coil 110V-50-60Hz-14W-IP65-UL	018F7909	110V 50-60 Hz	14W		50 (122)	DIN43650-A	IP65	0.2 (0.5)
Coil 24V-50-60Hz-14W-IP65-UL	018F7907	24V 50-60 Hz	14W 12W		50 (122)	DIN43650-A	IP65	0.2 (0.5)

Type BE / excl. LED / Incl. cable								
Coil 48V-50-60Hz-10W-IP67-4m cable	018F7915	48V 50Hz	10W	+/- 10-15%	80 (176)	4 m.. cable	IP67	0.3 (0.7)

Type BO / Ex mb II T4 Gb - 2014/34/EU (ATEX) EN60079-D-2012+A11:2013, EN60079-D:2018, EN60079-18:2015 + A1:2017, EN60730-1:2011¹⁾								
Coil Ex mb IIC T4 24V-50/60 Hz 10W-IP67	018Z6595 ²⁾	24V 50/60 Hz	10W	±10%	60 (140)	5 m. cable	IP67	0.6 (1.4)
Coil Ex mb IIC T4 110V-50/60 Hz 10W-IP67	018Z6593 ²⁾	110V 50/60 Hz	10W	±10%	60 (140)	5 m. cable	IP67	0.6 (1.4)
Coil Ex mb IIC T4 230V-50/60 Hz 10W-IP67	018Z659 ²⁾	230V 50/60 Hz	10W	±10%	60 (140)	5 m. cable	IP67	0.6 (1.4)
Coil Ex mb IIC T4 240V-50/60 Hz 10W-IP67	018Z6591 ²⁾	240V 50/60 Hz	10W	±10%	60 (140)	5 m. cable	IP67	0.6 (1.4)
Coil Ex mb IIC T4 Gb 24V DC - IP67-10W-IP67	018Z6596 ²⁾	24V DC	10W	± 10%	60 (140)	5 m. cable	IP67	0.6 (1.4)

¹⁾ Due to physical dimensions of the ATEX coil, it is not possible to use these in combination with the HPP block valves (BL2 - 5)

²⁾ Code nos. to be ordered in Danfoss Sensing Solutions (PL04)

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042N1256



042N1278

Connecting plug / Typ BY / excl. LED / for Hirschmann connection (DIN 43650-A) UL Recognised									
Plug EN175301-803 A PG9	042N1256 ¹⁾	–	Excl LED	–	125(257)	BE-BB-BY	IP67	0.1 (0.3)	
Plug EN175301-803 A PG8	042N1278 ¹⁾		Excl LED		90 (194)	BE-BB-BY	IP65	0.1 (0.3)	



Connecting plug / Typ BY / incl. LED / for Hirschmann connection (DIN 43650-A) UL Recognised									
Plug EN175301-803 A 230V AC/DC LED	042N0265 ¹⁾	230V AC	Incl LED	–	60 (140)	BE-BB-BY	IP65	0.1 (0.3)	
Plug EN175301-803 A 24V AC/DC LED + PACK	042N0263 ¹⁾	24V AC/DC	Incl LED	–	60 (140)	BE-BB-BY	IP65	0.1 (0.3)	



Connection terminal box / Permanent magnet									
Terminal box excl. LED pack unit 100 Pe	018Z0279	–	Excl LED 100 PE	–	80 (176)	BE	IP67	0.1 (0.3)	
Terminal box incl. LED 48-220V DC 24-250V-50Hz / only BE	018Z0089 ¹⁾	48-220V DC24-250V 50/60 Hz	Incl. LED	–	80 (176)	BE	IP67	0.1 (0.3)	
Permanent magnet	180Z0212	for testing	–	–	–	–	–	0.3 (0.7)	

¹⁾ Code nos. to be ordered in Danfoss Sensing Solutions (PL04)