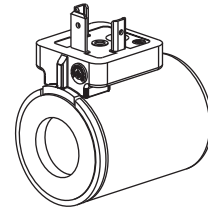


**Solenoid coil W.37/19x50
 according to VDE 0580
 Protection class IP65/67/69K**

DESCRIPTION

The slip-on solenoid coil W.37/19x50 is available in three different connection versions (see type code). The construction corresponds to the VDE 0580 standard. The housing is made of steel (zinc-/nickel-coated), the connector socket is made of plastic material.

FUNCTION

With the combination of an armature tube the function of a switching solenoid or of a proportional solenoid results. The solenoid coils are available with the standard nominal voltages 12 VDC and 24 VDC.

APPLICATION

The solenoid coils are mainly utilised in hydraulic applications.

TYPE CODE

Metal housing, round	W	<input type="checkbox"/>	37 / 19	x	50	-	<input type="checkbox"/>	#	<input type="checkbox"/>
Connector version:									
Connector socket EN 175301-803/ISO 4400									<input type="checkbox"/>
Connector socket AMP Junior-Timer									<input type="checkbox"/>
Connector Deutsch DT04-2P									<input type="checkbox"/>
Coil version									
Internal diameter 19 mm									
Length 50 mm									
Standard nominal voltage U_N									
12 VDC									<input type="checkbox"/>
24 VDC									<input type="checkbox"/>
Design-Index (Subject to change)									

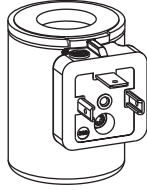
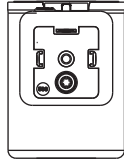
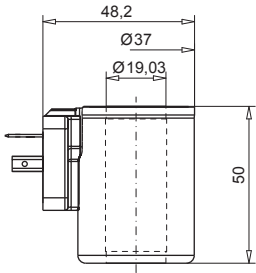
SPECIFICATIONS

		12 VDC	24 VDC
Coil winding			
insulation class	H (180 °C)		
Relative duty factor	100% DF/ED combined with armature tube and valve		
Reference temperature	70 °C		
Nominal power	(W)	26	26
(Switching function)			
Limiting power	(W)	16	16
(Proportional function)			
Limiting current	(A)	1,32	0,66
(Proportional function)			
Nominal resistance	(Ω)	5,5	22,7
Number of windings	(-)	705	1 410
Weight of solenoid coil	(kg)	0,23	0,23

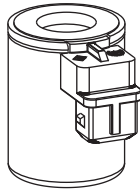
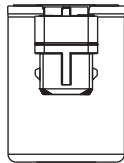
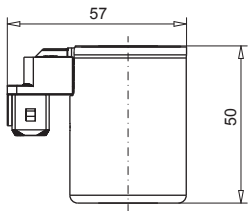
SAFE OPERATION

Caution: Because of the danger of over-heating the solenoid coil must only be commissioned together with an armature tube as well as with a valve.

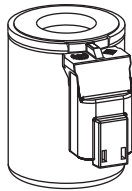
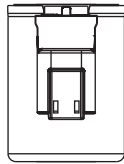
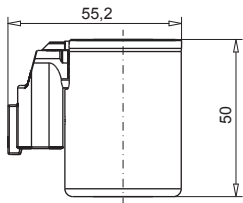
TYPE LISTE / DIMENSIONS / GENERAL SPECIFICATIONS



Execution: W **D** 37/19x50-...
 • 3-poles 2 P+E
 • Protection class IP 65
 With corresponding mating connector and professional assembly.



Execution: W **J** 37/19x50-...
 • 2-poles
 • < 120 V external grounding recommended
 • > 120 V external grounding necessary
 • Protection class IP 66
 With corresponding mating connector and professional assembly.



Execution: W **G** 37/19x50-...
 • 2-poles
 • < 120 V external grounding recommended
 • > 120 V external grounding necessary
 • Protection class IP 67 and 69 K
 With corresponding mating connector and professional assembly.

Technical explanation see data sheet 1.1-400 and 1.1-410