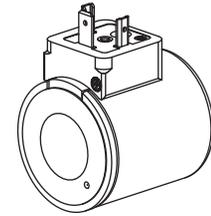


**Solenoid coil W.45/23 x 50
 to VDE 0580
 Protection class IP65/67/69K**

DESCRIPTION

The slip-on solenoid coil W.45/23x50 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.

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 CODE

Metal housing, round		W	<input type="checkbox"/>	45 / 23	x	50	-	<input type="checkbox"/>	#	<input type="checkbox"/>
Connector version:										
Connector socket EN 175301-803/ISO 4400	<input type="checkbox"/>	D								
Connector socket AMP Junior-Timer	<input type="checkbox"/>	J								
Connector Deutsch DT04-2P	<input type="checkbox"/>	G								
Coil type										
Internal diameter 23 mm										
Length 50 mm										
Standard-nominal voltage U_N		<input type="checkbox"/>	12 VDC	<input type="checkbox"/>	G12					
		<input type="checkbox"/>	24 VDC	<input type="checkbox"/>	G24					
Design-Index (Subject to change)										

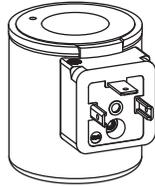
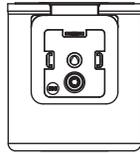
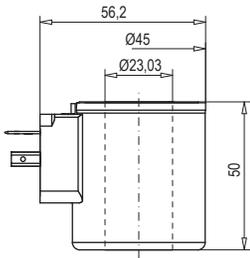
SPECIFICATIONS

		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)	29	29
(Switching function)			
Limiting power	(W)	19	19
(Proportional function)			
Limiting current	(A)	1,56	0,78
(Proportional function)			
Nominal resistance	(Ω)	9,9	19,7
Number of windings	(-)	610	1320
Weight of solenoid coil	(kg)	0,36	0,36

SAFE OPERATION

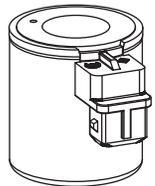
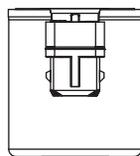
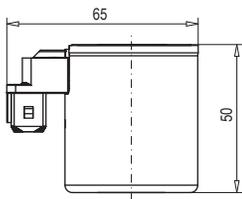
Caution: Because of the danger of over-heating the solenoid coil must only be commissioned together with an armature tube as well as with a valve.

TYPE LISTE / DIMENSIONS / GENERAL SPECIFICATIONS



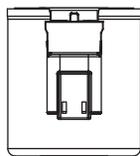
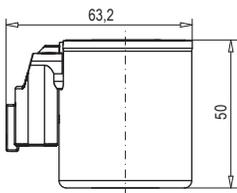
Execution: W **D** 45/23x50-...

- 3-poles 2 P+E
 - Protection class IP 65
- With corresponding mating connector and professional assembly.



Execution: W **J** 45/23x50-...

- 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** 45/23x50-...

- 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