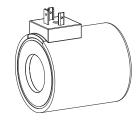


Solenoid coil W.E64/31x72 in accordance with DIN VDE 0580 Protection class IP 65/67/69K



DESCRIPTION

The slip-on solenoid coil W.E64/31x72 is available in three different connection versions (see type code). The design corresponds to the DIN VDE standard 0580. 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

111 2 3052		W
Metal housing, round		
Connection execution Connector socket EN 175301-803/ISO 4400 Connector socket AMP Junior-Timer Connector Deutsch DT04-2P	D J G	
Coil execution		
Internal coil diameter 31 mm		
Coil length 72 mm		
Nominal voltage U _N	12 VDC G12 24 VDC G24	
Design-Index (Subject to change)		

SPECIFICATIONS

Coil winding insulation class Relative duty factor

H (180°C) 100% DF/ED

combined with armature tube and valve

24 VDC

Ambient temperature -20...+70 °C

Corrosion protection Salt spray test according to EN ISO 9227:≥ 480 h

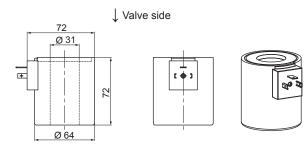
12 VDC

Nominal power (20°C) (W) 39 38 (Switching function) Limiting current (50°C) (A) 2,225 1,105 (Proportional function) Limiting power (50°C) (W) 27,1 26,5 (Proportional function) Nominal resistance (20°C) (Ω) 3,7 15,2 Weight of solenoid coil 1,0 1,0 (kg)

SAFE OPERATION

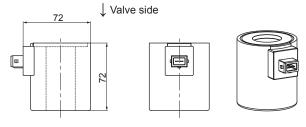
Caution: Because of the danger of over-heating the solenoid coil must only be commissioned together with an armature tube as well as with a valve.





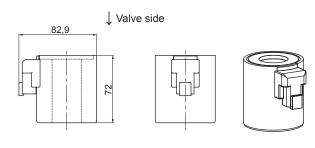
Execution: W D E64/31x72

- 3-poles 2 P+E
- Protection class IP 65
 With corresponding mating connector (not included in delivery) and professional assembly.



Execution: W J E64/31x72

- 2-poles 2P
- only for $U_N \le 75 \text{ VDC}$
- Protection class IP 66
 With corresponding mating connector (not included in delivery) and professional assembly.



Execution: W G E64/31x72

- 2-poles 2P
- only for U_N ≤ 75 VDC
- Protection class IP 67 and 69 K
 With corresponding mating connector
 (not included in delivery)
 and professional assembly.

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