

COIL GROUP

1.1

COILS FOR
DIN PLUG CONNECTION

COILS 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.

Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

DIN plug connector to be ordered separately (see coil accessories section)



Specification			Low power			High power				
Ref. (without DIN plug)			488980			481180				
Ref. (with DIN plug)										
Coil Group			1.1							
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).							
Class of insulation			F 155°C							
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.							
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.							
Elect. Power	DC	Pn (hot)	2.5 W			5 W				
		P (cold) 20°C	3 W			6.5 W				
	AC	Pn (holding)	2 W			4 W				
		Attraction cold	5.7 VA (2.5 W)			8.9 VA (5 W)				
Weight			100 g with DIN Plug							
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50	A2	24	C2	24/50	A2	24	C2
			48/50	A4	48	C4	110/50-115/50	0A		
			110/50-115/50	0A	110	C5	220/50-230/50	3D		
			220/50-230/50	3D						

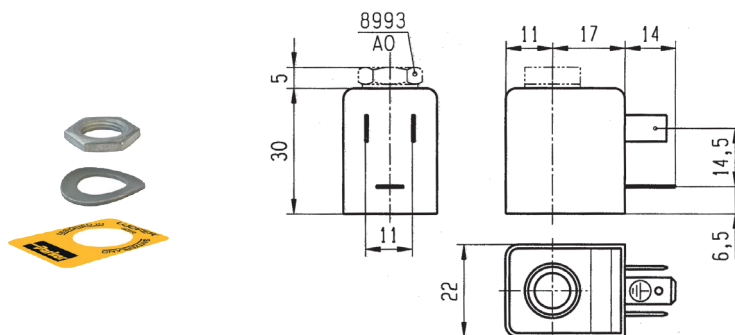
To Order a Coil choose Coil Ref + Voltage Code, example: 488980 for 24 VDC = 488980C2

More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit Ref. 8993.

It is composed of a nameplate with the details of the valve type, a washer and a nut to secure the 22 mm coil to the valve.



COIL GROUP

1.1

COILS FOR
DIN PLUG CONNECTION

DOUBLE FREQUENCY COIL 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.

Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.

Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

DIN plug connector to be ordered separately (see coil accessories section).



Specification			Double frequency		
Reference (without DIN plug)			483590		
Coil group			1.1		
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).		
Class of insulation			F 155°C		
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.		
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.		
Elect. Power	DC	Pn (hot)	-		
		P (cold) 20°C	-		
	AC	Pn (holding)	3 W		
		Attraction cold	7.5 VA (4 W)		
Weight			100 g with DIN Plug		
Voltages "Un"			VAC/Hz		Code
-10% to +10% of the Un			24/50-60		P0
			110-115/50, 120/60		S5
			220-240/50, 240/60		S6

To Order a Coil choose Coil Ref + Voltage Code, example: 483590 for 24/50,24/60 = 483590P0

More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit Ref. 8993.

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 22 mm coil and the valve.

