

481865 Universal 32mm Coil Series



Product

Parker's Universal 481865 coil series fits most of our solenoid valves. Product provides with unmatched performances in terms of attraction power efficiency. It offers key benefits like:

- Class H construction (180 °C)
- Multi approvals available CE - UKCA - VDE - UL
- Dual frequency configurations including both 50Hz and 60Hz
- Simplification through reduction of references and inventory to stock



Contact Information

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Markets & Applications

This coil suits in most of the FCSE core product families used in the following markets:

- Industrial Equipment
- Process
- Beverage Dispense

Benefits

- Multi Approvals (CE - UKCA - VDE - UL)
- High temperature resistant (class H 180 °C)
- Standardization of References
- Inventory Optimization
- Coil modularity with most of the FCSE ranges



ENGINEERING YOUR SUCCESS.

2.0/2.1 COILS FOR DIN PLUG CONNECTION



COILS 32 mm

These coils 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.



Reference (Without DIN Plug)		481865			
Coil Group		2.0 / 2.1			
Degree of protection		IP65 according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation		H 180°C			
Electrical connection		The coil is connected with a 2 P + E plug according to EN 175301-803 type A			
Ambient temperature		-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	-	10 W	
		P (cold) 20°C	-	14 W	
	AC	Pn (holding)	8 to 11 W	-	
		Attraction cold	13 W	-	
Weight		130 g (without plug)			
Voltages "Un"		VAC/Hz	Code	VDC	Code
-10% to +10% of the Un		12V 50-60Hz	1W	12V	C1*
		24V 50-60Hz	P0*	24V	C2*
		48V 50-60Hz	S4	48V	C4*
		110V 50Hz 115-120V 60Hz	T8*	72V	0N*
		100V 50Hz 100-120V 60Hz	T7	96V	1T*
		200V 50-60Hz	P6	110V	C5*
		220-240V 50Hz 240V 60Hz	S6*		
		380V 50Hz	A9		

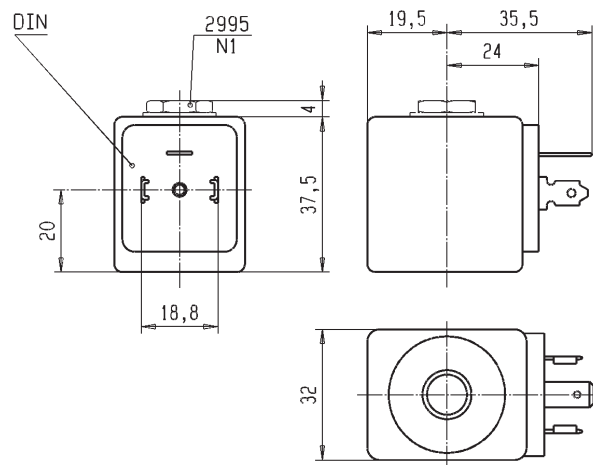
To Order a Coil choose Coil Ref + Voltage Code, example: 481865 for 24 VDC = 481865C2
* = UL Approved

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

Please use the coil assembly kit Ref. 2995.

It is composed of a nameplate giving details of the valve type,

a round washer and a nut to ensure the fixing between 32 mm coil and the valve.



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