



497105 & 497105.02 - ELECTRICAL PARTS

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db IIC T4 / T5 / T6 is required.

Benefits: Rotatable 360°, stainless steel with internal and external screw terminals for earth connection.

Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.



Reference			497105 (M20x1.5) 497105.02 (NPT 1/2")		
Certificate			INERIS 12ATEX0041X - IECEx INE 12.0034X		
Coil Group			10.3		
Type of protection		Gas	II 2 G - Ex db IIC T4 / T5 / T6		
		Dust	II 2 D - Ex tb IIIC - 130°C / 95°C / 80°C		
Degree of protection			IP66 (with relevant cable gland) according to IEC/EN 60529 Standards		
Ambient temperature			-50°C to +80°C / +60°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve		
Insulation Class			H 180°C		
Electrical connection			Electric connection is done in the connection chamber on an easily accessible connector terminals. The cable entry to the connection chamber is made through a 1/2" NPT or M20x1.5 thread in which an approved Exdb IIC cable gland must be installed.		
Electrical consumption	DC	Pn (hot)	8 W		
		P (cold) 20°C	9 W		
	AC	Pn (holding)	8 W		
		Attraction cold	9 W		
Voltage Tolerance			+/- 10% of nominal voltage		
Emergising Cuty			ED 100%		
Voltages		VAC/Hz	Code	VDC	Code
		24/50-60	P0	12	C1
		110-115 / 50-60	1P	24	C2
		220-230 / 50-60	3P	48	C4
				110	C5

To Order a Coil choose Coil Ref + Voltage Code, example: 497105 for 24 VDC = 497105C2

