

EXPLOSION PROOF ELECTRICAL PARTS

COIL GROUP

2.0/2.1

INCREASED SAFETY AND ENCAPSULATED ELECTRICAL PARTS "eb"



ZONE 1/21

492190 - ELECTRICAL PARTS 50 mm

This coil 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 eb mb IIC T3 to T4 is required.

Benefits: Rotatable 360°, fiberglass -reinforced plastic housing. Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

Small size for ease of mounting in confined space.



Reference			492190			
Certificate			LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G - Ex eb mb IIC T3 / T4			
		Dust	II 2 D - Ex tb IIC - 195°C / 130°C			
Degree of protection			IP66			
Ambient temperature			-40°C to +75°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve			
Insulation Class			F 155°C			
Electrical connection			Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw			
Electrical consumption	DC	Pn (hot)	9 W			
		P (cold) 20°C	11 W			
	AC	Pn (holding)	11 W			
		Attraction cold	13 W			
Weight			320 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60	P0	24	C2
			48/50-60	S4	48	C4
			110/50-60	P2	110	C5
			230/50-60	P9		

To Order a Coil choose Coil Ref + Voltage Code, example: 492190 for 24VDC = 492190C2

